

20001228.qrp v02_n050.qrl.20001228

Date: Thu, 28 Dec 2000 19:03:05 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2050

QRP-L Digest 2050

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- 1) [87288] Milliwatt Contest Day 2 de AL7FS
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- 2) [87289] Re: 30 meter band
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 3) [87290] Re: MS-15 kit, Drift problems
by Steve Bauder <sbauder@win.bright.net>
- 4) [87291] Re: CC&R's
by WA3JAT@aol.com
- 5) [87292] Contest: QRPDUPE RAC Version Now Available
by Brian Kassel <bkassel@dancris.com>
- 6) [87293] Re: CC&R's
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- 7) [87294] NEQRP WQ1RP CW Net, Thursday, 9:00 PM EST, 7.035MHz
by "C. J. Ludinsky" <cjl@mitre.org>
- 8) [87295] Re: Tuner-torial
by "James R. Duffey" <jamesd1@flash.net>
- 9) [87296] Re: CC&R's
by "Paul Christensen" <paulc@mediaone.net>
- 10) [87297] Re: Tuner-torial
by Phil Wheeler <w7ox@earthlink.net>
- 11) [87298] tuner/wattmeter question
by n2go@arrl.net
- 12) [87299] FOX - Team Results - corrected1 -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 13) [87300] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
- 14) [87301] Qso on the warbler
by "kc0bdw" <kc0bdw@email.msn.com>
- 15) [87302] Holiday Milliwatt Contest - Day 2
by david gauding <david.gauding@bbs.galilei.com>
- 16) [87303] More milliwatts today, day 2 de NQ5RP
by Jim Hale <kj5tf@yahoo.com>
- 17) [87304] ***** FS/Trade/50/50 ???
by RangerSF5@aol.com
- 18) [87305] Anyone planning on SKN?
by "K7FD/N7SG" <cqdx@teleport.com>
- 19) [87306] Problems with RX in NorCal 40A

- by Shelly Somerville <somerville@uniserve.com>
- 20) [87307] PSK 31/WINNT
by "Kenneth Evans" <w4du@bellsouth.net>
- 21) [87308] Durability of PCB cases ?
by "Glen Torr" <glentorr@ozemail.com.au>
- 22) [87309] Re: Anyone planning on SKN?
by "Don Wines" <dwines@tyler.net>
- 23) [87310] QRP - Where do I start?
by MVSOPEN@aol.com
- 24) [87311]
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 25) [87312] Re: K1 30 meter band module question
by DYARNES@aol.com
- 26) [87313] Re: K1 30 meter band module question
by SKIPNC90@aol.com
- 27) [87314] Re: New call
by Dave Fifield <fifield@pacbell.net>
- 28) [87315] re: Anyone planning on SKN ?
by WB9MII@aol.com
- 29) [87316] Re: Need Nevada?/Reply
by RangerSF5@aol.com
- 30) [87317] QRP/ARCI Award Manager Address Change
by "Thom Durfee" <wi8w@arrl.net>
- 31) [87318] Poles For Portable Antennas
by Tim ORourke <TORourke@KaiserFT.com>
- 32) [87319] SKN? and J-38s
by "Chuck Carpenter" <w5usj@globeco.net>
- 33) [87320] Holiday mw
by Dan Wolfe <n4roa@mounet.com>
- 34) [87321] Re: SKN? and J-38s
by <baltimoremd@baltimoremd.com>
- 35) [87322] Re: PSK 31/WINNT
by "John J. McDonough" <wb8rcr@arrl.net>
- 36) [87323] WI and AR on 20mw from VA(nr DC)
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 37) [87324] Warbler Group Building Session
by <wd9eyb@butler.qrp.com>
- 38) [87325] Re: PSK 31/WINNT
by "Dan W. Dooley" <dandooley@pipeline.com>
- 39) [87326] Re: Manhattan question
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 40) [87327] Re: QRP - Where do I start?
by Pat Cain <pcain@onvoymail.com>
- 41) [87328] Re: SKN? and J-38s
by geoff allsup <gallsup@whoi.edu>
- 42) [87329] Re: SKN? and J-38s
by "Dan W. Dooley" <dandooley@pipeline.com>
- 43) [87330] OT- TAKE THE COLD AWAY

by hamjoel@juno.com

44) [87331] Re: Anyone planning on SKN?
by W1R0@aol.com

45) [87332] The Ultimate FT-817 test (It passed)
by Jim Cluett <w1pid@yahoo.com>

46) [87333] OT: Bragging
by The Wheelers <rains@digisys.net>

47) [87334] Re: SKN? and J-38s
by <baltimoremd@baltimoremd.com>

48) [87335] Re: OT: Bragging
by Joseph I Pirkle <ad4ih@juno.com>

49) [87336] Cub Fox Log: 12/27 N8IE v1.0
by Shephed@aol.com

50) [87337] Re: SKN? and J-38s
by Phil Wheeler <w7ox@earthlink.net>

51) [87338] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>

52) [87339] Re: SKN? and J-38s
by Ray Colbert <w5xe@juno.com>

53) [87340] Fireball 40
by "Mike Duke" <k5xu@concentric.net>

54) [87341] Re: SKN? and J-38s
by Steve Yates - AA5TB <aa5tb@arrl.net>

55) [87342] FOX CUB - 12/27/2000 - final tally
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>

56) [87343] Re: SKN? and J-38s
by Phil Wheeler <w7ox@earthlink.net>

57) [87344] Soldering Tip Life??
by AA3BP@aol.com

58) [87345] Re: Soldering Tip Life??
by Phil Wheeler <w7ox@earthlink.net>

59) [87346] Re: Anyone planning on SKN?
by Bill Lazure <n2tpa@juno.com>

60) [87347] Re: SKN? and J-38s
by Bob Nielsen <nielsen@oz.net>

61) [87348] Re: SKN? and J-38s
by rich a <rckchp@home.com>

62) [87349] RE: Anyone planning on SKN?
by Nick Kennedy <nkennedy@tcainternet.com>

63) [87350] Straight Keys in use
by K5BDZ@aol.com

64) [87351] Re: Anyone planning on SKN?
by w2qu@juno.com

65) [87352] Re: Tuner-torial & baby's first cry
by "Patrick McVey" <mcveyp.MOHAVE@narbha.com>

66) [87353] Christmas Candle QRN
by "Glenn Butzlaff" <gbutzlaff@voyager.net>

67) [87354] New on HF? Try SKN!

by "Paul Harden, NA5N" <na5n@rt66.com>
68) [87355] Re: Poles For Portable Antennas
by Bruce Muscolino <w6toy@erols.com>
69) [87356] Re: Soldering Tip Life??
by Steve Yates - AA5TB <aa5tb@arrl.net>
70) [87357] SKN 2001 Rules
by "Paul Harden, NA5N" <na5n@rt66.com>
71) [87358] Re: SKN? and J-38s
by mugglesto@megsinet.net
72) [87359] Re: SKN? and J-38s
by "Rod Cerkoney" <n0rc@hotmail.com>
73) [87360] Re: Anyone planning on SKN?
by "Tom Dufresne" <tdufres@hotmail.com>
74) [87361] CC&R's & EPA's contest calendar
by "Ron, KU7Y" <ku7y@qsl.net>
75) [87362] K7SZ/4 & SKN
by "Richard Arland" <r_arland@hotmail.com>
76) [87363] Re: Tick 2 interface
by NB6M@aol.com
77) [87364] Re: Soldering Tip Life??
by "Marshall Emm" <mgemm@mttechnologies.com>
78) [87365] FISTS WEB SITE
by W2BJ <barry@minsky.org>
79) [87366] Re: Anyone planning on SKN?
by "Bob Tellefsen" <n6wg@earthlink.net>
80) [87367] J38
by Marv Fagenson <k6hcj@juno.com>
81) [87368] Yeah 10m is good, but try 40m!
by "John Harper" <ae5x@qsl.net>
82) [87369] FS: Surplus J-38 Keys
by "Trevor Jacobs" <fxtech@earthlink.net>
83) [87370] SKN for non-j38's
by "kw3u@warwick.net" <kw3u@warwick.net>
84) [87371] New ZM-2 Photos
by Scott Gregson - KC7MAS <emtech@steadynet.com>
85) [87372] Re: Soldering Tip Life??
by "Mike Yetsko" <myetsko@insydesw.com>
86) [87373] Re: Yeah 10m is good, but try 40m! BUT don't forget 10 either!
by Brendan Minish <EI6IZ@oceanfree.net>
87) [87374] Re: Surplus J-38 Keys
by "John J. McDonough" <wb8rcr@arrl.net>
88) [87375] Re: Surplus J-38 Keys
by <igeq100@iupui.edu>
89) [87376] Re: Yeah 10m is good, but try 40m!
by RangerSF5@aol.com
90) [87377] Re: Surplus J-38 Keys
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
91) [87378] Wives and Ham Radio...

by K10J <k10j@ditdit.com>
92) [87379] Re: QRP - Where do I start? Small Wonder Labs SW40+
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
93) [87380] harbor freight
by "kc0bdw" <kc0bdw@email.msn.com>
94) [87381] Re: QRP - Where do I start? Small Wonder Labs SW40+
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
95) [87382] Re: Harbor Hreight Tools Manhattan Pad Punch Information
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
96) [87383] RE: harbor freight
by "Randall" <Firefox@Southwind.net>
97) [87384] Re: harbor freight
by KB7WW Art Moe <kb7ww@chatusa.com>
98) [87385] Can you teach an old dog new tricks?
by smckean@birch.net
99) [87386] RE: harbor freight
by "Randall" <Firefox@Southwind.net>
100) [87387] Re: PSK31, You Can Teach an Old Dog New Tricks
by w0av@juno.com
101) [87388] J38+SKN
by "Steven Weber" <kd1jv@moose.ncia.net>
102) [87389] Re: harbor freight
by "Chuck Adams, K7Q0" <k7qo@primenet.com>
103) [87390] Re: SKN 2001 Rules
by w0av@juno.com
104) [87391] Re: Anyone planning on SKN?
by Bob Nygren <rnygren@epix.net>
105) [87392] RE: Yeah 10m is good, but try 40m! BUT don't forget 10 either!
by Nick Kennedy <nkennedy@tcainternet.com>
106) [87393] Re: Anyone planning on SKN?
by "Don Wilhelm" <w3fpr@arrl.net>
107) [87394] Re: CC&R's & EPA's contest calendar
by wa4dou@excite.com
108) [87395] Milliwatt Contest 2148Z Day 3 de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
109) [87396] FOX - Team Results -
by Bruce Rattray <rattray@gpfn.sk.ca>
110) [87397] Help needed: 2N7000 OR WHERE TO GET
by Joseph I Pirkle <ad4ih@juno.com>
111) [87398] Digipan
by "kc0bdw" <kc0bdw@email.msn.com>
112) [87399] Re: SKN? and J-38s
by "Fred.DeVries" <fred.devries@mindspring.com>
113) [87400] Re: PSK31, You Can Teach an Old Dog New Tricks
by Jeff <fantbb@yahoo.com>
114) [87401] Best Location for Slow (5WPM) Code Operation
by "Bradford Ashley" <drashley@hotmail.com>
115) [87402] Re: PSK31, You Can Teach an Old Dog New Tricks

by "Karl B. Staddon" <ve6kbs@agt.net>

Date: Wed, 27 Dec 2000 15:10:39 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [87288] Milliwatt Contest Day 2 de AL7FS
Message-ID: <3A4A84FF.284052DE@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska.

Well, it was a tough day on 10 meters. Everything considered I am ok with the day. That brings my totals for the first two days up to 10 QSOs. Here is what I managed to work.

n0rsv MN
w0lk AR
n7xv CA
k9yt WI
k5oi NM
kb7ww OR More on this in a second.
n4roa VA
k6iii CA

Art, KB7WW, and I went at it for 20 minutes trying to complete a contest QSO. I had everything but his power. I finally just logged him as a good QSO but not for the contest. Not 25 minutes later he was solid copy and we banged out a quick QSO. Thanks for that first effort, Art.

On the other hand, I had the beam East all day until 2335Z. As soon as I turned it West, there was N4ROA. There was big QSB but we finished in rapid order. I really wonder how we did that. Was it the signal off the back of the beam but taking off at a different angle? Or was it some weird round the world sort of thing. I will have to get out my globe and take a look. Thanks, Dan.

The lowest power worked today was KB7WW. Art was running 100 mW. N4ROA and W0LK were running 250 mW and K5OI and I were big guns at 500 mW.
:-)

One more day. It is later in the day so perhaps more of you will be on. 20 and 15 meters were not much use up here today. I did check from time to time with no luck.

73, Jim
Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Date: Wed, 27 Dec 2000 18:03:14 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87289] Re: 30 meter band
Message-ID: <012f01c07061\$93ddd020\$c22abcd0@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

That's for sure Roy. I was still working stations at 2:00 AM this morning!

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Wed, 27 Dec 2000 18:28:33 -0600
From: Steve Bauder <sbauder@win.bright.net>
To: qrp-l@Lehigh.EDU
Subject: [87290] Re: MS-15 kit, Drift problems
Message-ID: <3A4A8931.45F5EB21@win.bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Steve:

Great news! Thanks for passing it along. I've been beating my head against the wall trying to diagnose the drift problem. Seems like I even shorted D2 at one point, but can't remember the results. I have plenty of air variable caps, so I'll probably just substitute one to get rid of the drift if getting rid of D2 doesn't do the trick. Any idea for a source for those cute little vernier dials?

I came across another problem when trying to diagnose the drift problem. Output power drops by 2 or 3 dB in prolonged transmissions (at least mine did). Turns out a small heatsink on the driver transistor (Q3)

cured it. Nice simple fix.

I've been having a blast with the little rig! Worked lots of DX, and today had my first ms15 to ms15 qso with Peter, AK3X. And he was mobile! We ragchewed for half an hour or so.

Thanks for a great rig!

Steve, NX9Z

Date: Wed, 27 Dec 2000 19:36:25 EST
From: WA3JAT@aol.com
To: jmlowman@ix.netcom.com, qrp-l@lehigh.edu
Subject: [87291] Re: CC&R's
Message-ID: <d6.47e2a1.277be509@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Jim: The answer to your question would vary from state to state since real estate law is not the same in each state. Here in Ohio, we have a Marketable Title Act which would eventually void the restrictions. It's application is technical but would require a minimum of 40 years to pass (and under its technical application, sometimes more) before the restrictions would expire under the Ohio statute. Deed or allotment restrictions are a contract with every owner in the allotment as well as the developer. Some covenants provide for a committee or association to enforce the covenants and restrictions but, in general, they can be enforced by any owner in the allotment who wants to hire a lawyer and file a law suit. Some covenants have specific dates upon which they expire. In some cases, restrictions can be voided by a Court under the doctrine of laches if the allotment owners or association are lax in enforcement of violations or allow a violation to continue for an extended time. For hams who install an invisible or stealth antenna, this laches defense will normally not apply since they

concealed or hid the violation of the covenants. Legal remedies could include an injunctive court order to discontinue the violation or monetary damages, or both, depending on the drafting of the restrictions and your state law. In some cases, the covenants are drafted so that you are also liable for the allotment association's legal fees as well as your own legal expenses. This is a bit long winded but is still the "Reader's Digest" version of an answer on such legal issues. Hope it is helpful to you and others.

73,
Jim WA3JAT

Date: Wed, 27 Dec 2000 17:45:34 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>, Bob Hightower <nk7m@extremezone.com>, Roger Hightower <n7kt@worldnet.att.net>
Subject: [87292] Contest: QRPDUPÉ RAC Version Now Available
Message-ID: <3A4A8D2E.A61A2592@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

The latest and greatest version of QRPDUPÉ, which includes the upcoming Canadian RAC contest has been uploaded to my WEB page at:

<http://www.dancris.com/~bkassel/index.htm#top>

If you download and use this free program, here are a few notes:

There are 2 RAC contests to select from:

RAC (Non-VE) is for use by stations outside of Canada

RAC (VE) is for use by stations in Canada.

Two selections are provided as, the exchange is different for each situation.

If you decide to work a non-VE station, you must type NO in place of the SPC entry. This is because non-VE stations do NOT count as a multiplier, only 2 QSO points are allotted. Hey this IS a Canadian contest after all ;)

As each mode in each band is considered a separate band for scoring purposes, a station can be worked on each band in both Phone and CW, and the program logs and dupes accordingly for this contest.

The intellisense feature will turn red if the station is worked on either mode though. I didn't want to change the code for this one contest. If you only work Phone, or CW, it will work properly. If you happen to work the same call sign on the same band, but on two different modes, the intellisense will turn red. This DOES NOT EFFECT the proper operation of the duping or the logging, however, ONLY the Intellisense feature, and ONLY in the situation as described.

The Grid will display each province worked, on each band, in each mode. As only Canadian Provinces are scored, here is a little trick that I found works very well.

After having brought up the main logging window, decrease the right hand side of that window a bit. Move the Grid window into the open space. Now use your mouse to close up the grid window so that only the Canadian Province column is shown. The grid will display each of the 13 Provinces and Territories as worked or not worked on that Band and mode.

As always, please report any problems to me at:
bkassel@dancris.com

I did a lot of testing this time, but hey, I'm only 1 guy. Have fun.

Brian K7RE

Date: Wed, 27 Dec 2000 20:36:16 EST
From: W1R0@aol.com
To: baltimoremd@baltimoremd.com
Cc: qrp-l@lehigh.edu
Subject: [87293] Re: CC&R's
Message-ID: <4f.565e74c.277bf310@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Thinking along the lines of golf club and gun clubs...

I've been involved in many military clubs and making a ham country club with a huge club station surrounded by like minded people would be fantastic. You could stations on each band in the same club house. A great thought for a ham retirement community where pooling of fixed incomes would produce unbelievable results.

When a member is unable to get to the club house to operate a linking system could be set up from the club house to the operator. The possibilities are endless!!!!

Date: Wed, 27 Dec 2000 20:55:20 -0500
From: "C. J. Ludinsky" <cjl@mitre.org>
To: neqrp@jonal.net, qrp-l@lehigh.edu
Subject: [87294] NEQRP WQ1RP CW Net, Thursday, 9:00 PM EST, 7.035MHz
Message-ID: <3A4A9D88.77BCB8CE@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

No fox hunt scheduled for this week? Well... come join the NEQRP 40M

Net on Thursday night, 28 December, at 9:00 PM EST (2200Z, 29 Dec). The net will meet on or around 7.035 MHz, with John, K1RC, in the role of net control op for this week's session. John will be operating from his usual QTH, in Dracut, MA.

We had an excellent, if small, group on last week's 80M net, with the following participating:

| | | |
|-------|---------|-------------------------|
| W1PID | Jim | Sanbornton, NH |
| K1RC | John | Dracut, MA |
| W4MQC | Alan | Harvard, MA |
| N1EI | Charlie | Mansfield Center, CT |
| K1CL | Chuck | Chelmsford, MA (net op) |

Signals were all quite strong. Jim was operating his new Yaesu FT-817, which sounded FB to all.

So, stop by and say hello to John and the net. If you can't make it... Our wishes for the happiest of New Years.

72 DE K1CL,
Chuck

Date: Wed, 27 Dec 2000 18:50:40 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <mcveyp.MOHAVE@narbha.com>, qrp-l <qrp-l@lehigh.edu>
Subject: [87295] Re: Tuner-torial
Message-ID: <B66FEA7F.48BA%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Patrick - Tuning a tuner is not all that difficult. There are several methods to use:

1. Diddle the knobs until you get a match (minimum SWR). It helps to start with low power so that the SWR meter will show a dip easier. This is easier with a two knob tuner like an L network or Z match since there is a knob for each hand, rather than a knob for each 2/3 of a hand :^).

This is the technique that I used when I got my first tuner, a Millen Transmatch Junior, in 1966 as WN0MWN. My father, WN0OML, got it for me when I received a "pink slip" from the FCC monitoring station in Grand Island Nebraska when they heard the second harmonic of my 80 M transmission outside the 40 M band. He had heard that a tuner will solve this problem. It won't,

at least not all of the time, and peaking the grid drive to the same frequency as the plate is dipped to was really the solution to my problem, but that is another story.

I still use this technique as it is quick and dirty. Only if I have problems getting a match do I resort to one of the techniques below.

2. Lew McCoy describes how to tune his "Ultimate Transmatch", a T network and usually the one with three knobs, in his article "The Ultimate Transmatch". This article is in the ARRL Antenna Anthology. It originally appeared in QST July 1970. To paraphrase W1ICP;

- a) Set both capacitors to maximum capacitance.
- b) Feed enough power to the tuner to get a full scale (not pegged though) on the SWR indicator when it is in the forward power position.
- c) Switch the SWR indicator to read reflected power.
- d) Run the inductor through its range starting from low going to high.
- e) You will notice a dip at some position. Stop tuning the inductor here.
- f) Then adjust the capacitors to get a better match. You may also have to adjust the inductor as there is some interaction between the components.

Once you have found a dip you can increase the sensitivity of the SWR meter.

Now this method works better for roller inductors than switched inductors. With switched inductors it can be easy to miss the dip. There can be more than one match with a T network and the best one to choose is usually the one with the most capacitance. This is because the losses are lower in capacitors rather than in inductors, and the lower the inductance is, the lower the loss in the inductor is. If you have a way of monitoring the current in the transmission line, the best match of the ones that you get is the one with the most current in the transmission line.

3. In a slight modification to the above, some recommend tuning the transmitter capacitor first for a dip in the reflected power and then tune the antenna capacitor for a better dip. Repeat as needed.

4. The best way to tune a tuner is to use an antenna analyzer such as a MFJ 259 or Autek RF-1 instead of the transmitter. Tune the tuner for lowest SWR using one of the techniques above.

When you have obtained a match write down the control settings for each band. I keep a chart on the tuner with these settings for each band. Some people use those stick on arrows secretaries use to tell their bosses where to sign things. Use a different color for each band. Some people cut two slots the same distance apart as the capacitor knobs are in a piece of stiff paper like an index card. The card will rest behind the knobs on the slots you cut in it. Then mark the position of the knobs on the stiff paper when you get a match and write down the inductor setting on the card. I have

thought of building a tuner with a front panel that is like the white boards, and just marking the correct match position right on the front panel with a dry erase pen.

Most tuners tune high impedance loads better than low impedance loads. Therefore with low impedance antennas, like very short verticals or dipoles, it is important to make sure that you are matching the antenna and not the tuner. If the tuner runs hot you probably have a problem. I remember seeing a demonstration of a commercial (not designed for hams) automatic tuner tuning an 8 ft whip at 2 MHz. The tuner reached the same match whether or not the antenna was connected!!

Because most tuners tend to tune low impedance loads poorer than high impedance ones, you can sometimes achieve a better match using balanced feeders with a 1:1 balun than with a 4:1 balun.

Recall that the tuner is really tuning the impedance of the antenna/transmission line system. This means that sometimes a better match can be obtained with a different length of transmission line.

If you are buying a tuner for the first time, the Z match from EMTECH is a good buy as is the BLT kit if they are still available. The BLT is optimized for 40 M and may have trouble with loads on other bands

I hope that this helps and is not an overload of information.

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Wed, 27 Dec 2000 20:51:09 -0500
From: "Paul Christensen" <paulc@mediaone.net>
To: <WA3JAT@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87296] Re: CC&R's
Message-ID: <000b01c07070\$a691e080\$136d8118@se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good points Jim. To further complicate matters, many CC&Rs incorporate language which indemnifies the governing organization from any controversy arising out the normal responsibilities of the board members but oftentimes extend to negligent actions where a breach of duty occurs. In effect, these

governing boards or associations, by virtue of the governing articles, function much the same as a governmental municipality, but function without Constitutional 14th Amendment Due Process requirements. There's little that keeps these small "private" associations from governing with tyrannical power.

Here in Florida, several private Planned-Unit-Developments (PUD), provide many of the same services as that of a traditional local and county governments including providing for police and fire departments, and some utilities. Yes, they look, feel and smell like traditional government, but they can and do carry much more governing authority and there's no such thing as due process to protect you.

Beware of yet another trap in the articles of the CC&Rs. Be particularly wary of language in which the association is granted an absolute right to place a mechanic's lien on your property in the event you breach your agreement to uphold the covenants. While one may be tempted to ignore a covenant which restricts the installation of ham radio antennas and supports, getting untangled from a lien is not an enjoyable matter.

-Paul, W9AC

----- Original Message -----

From: <WA3JAT@aol.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, December 27, 2000 7:36 PM

Subject: Re: CC&R's

> Jim: The answer to your question would vary from state to state since real
> estate law is not the same in each state. Here in Ohio, we have a
Marketable
> Title Act which would eventually void the restrictions. It's application
is
> technical but would require a minimum of 40 years to pass (and under its
> technical application, sometimes more) before the restrictions would
expire
> under the Ohio statute. Deed or allotment restrictions are a contract
with
> every owner in the allotment as well as the developer. Some covenants
provide
> for a committee or association to enforce the covenants and restrictions
but,
> in general, they can be enforced by any owner in the allotment who wants
to
> hire a lawyer and file a law suit. Some covenants have specific dates
upon
> which they expire. In some cases, restrictions can be voided by a Court

under

> the doctrine of laches if the allotment owners or association are lax in
> enforcement of violations or allow a violation to continue for an extended
> time. For hams who install an invisible or stealth antenna, this laches
> defense will normally not apply since they
> concealed or hid the violation of the covenants. Legal remedies could
> include an injunctive court order to discontinue the violation or monetary
> damages, or both, depending on the drafting of the restrictions and your
> state law. In some cases, the covenants are drafted so that you are also
> liable for the allotment association's legal fees as well as your own
legal
> expenses. This is a bit long winded but is still the "Reader's Digest"
> version of an answer on such legal issues. Hope it is helpful to you and
> others.
>
> 73,
> Jim WA3JAT

Date: Wed, 27 Dec 2000 18:32:58 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: jamesd1@flash.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87297] Re: Tuner-torial
Message-ID: <3A4AA65A.E02F2BB7@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"James R. Duffey" wrote:

>
> 1. Diddle the knobs

My favorite approach to all challenges :-;

Phil W7OX

Date: Wed, 27 Dec 2000 17:00:15 -0500 (EST)
From: n2go@arrl.net
To: qrp-l@Lehigh.EDU
Subject: [87298] tuner/wattmeter question
Message-ID: <Pine.LNX.4.21.0012271648280.4097-100000@valhalla.v>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A post was made suggesting a wattmeter before and after the tuner to measure loss....

My understanding of wattmeters is that they require a 50 ohm load to be anywhere near accurate. It seems that when people measure their output with a wattmeter, the numbers they get would be different depending on the load impedance of their antenna.

Even if hams have the same wattmeter they would be getting different results at their location with different antennas. Could this be why some 250millawatt signals appear louder than others or is it just propagation? :))

Has anyone experimented with different impedances and noted the error introduced by impedances other than 50 ohms.

My antenna is currently a horizontal vertical that blew down :) until it stops snowing for two days in a row here. The Yaesu antenna tuner is good...but not *that* good...

It already snowed more to date than all of last year in Buffalo. Looks like a 200+ inch winter to me... (snow inches that is)

73,

Jim n2go

Date: Wed, 27 Dec 2000 20:57:01 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [87299] FOX - Team Results - corrected1 -
Message-ID: <Pine.LNX.3.95.1001227205136.25030D-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

correction is putting a "*" beside K7RE..added 1 point..

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" oo#148 "I am da man wit "DAH" paddle!"

In memory of Joel, K1QM(SK) -

...Hunt #13 - N7CQR - Dan -

The Raiders of the Lost RF - 30

Mary - NA6E

Fred - VE3FAL

Rob - VE6JAZ *

Earl - VA6RF *

Bruce- VE5RC *

The ScQRPions - 51

Floyd - NQ7X *

Brian - K7RE *

Conard- WS4S

Chuck - K7QO *

Bob - NK7M *

The Cheeseheads - 58

Brian - AE9K

Jerry - N9AW *

Rick - NK9G *

Lou - W9XU *

Jim - WA9TZE *

The New England Hunt Club - 21

Joel - K1QM(SK)

John - K1JD

Jim - KC1FB

Aron - N1ODL

John - KB1ENS

Seab - AA1MY

The Buffalo Wings - 20

Mark - K2QO

Dave - AA2PF

Howard- K2UD

Bob - K2VNM

Scott - AC3A

The Flying Pigs#2 - 10

Andy - N8MX

Kent - KB9VZS

Ron - N8VAR

Kenn - KM7KEN

Andrew - AC7CF *

The Big Dawgs - 57

ET - N1FN *

Tom - N5TW *

Larry- N2WW * Clean Sweep

Bill - K0MP *

Bob - N6WG *

The Flying Pigs #1 - 21

Diz - W8DIZ

Rick - WB6JBM

Dan - N8IE

Brian- KB9BVN

Dave - WR50

The Houston Hounds - 56

Bill - K5ZTY *

Bill - W5SB *

Terry- KQ5U *

Dan - KK5LD *

Danny- WA5OJE

The Swamp Rats - 40

Paul - K4FB

Jack - K4BYF

Pete - NV4V

Fred - W2XN *

Tom - N1TP *

The Bayou City Brass Pounders - 59

Ed - K5VUU *

Bob - N5ET *

Henry - W5HNS

OJ - K10J *

Bruce - N1LN *

The Fox Terrors - 55

Tim - K5OI

Don - K5AAR *

Karl - K5DI *

Dave - W0CH *

Doc - K0EVZ *

The Cajun Thunder - 33

Joel - KE1LA

John - K5JS

Wayne - K5EOA

Jim - N5IB

Tom - AC5JH *

The Underdogs - 39

Dan - N4ROA *

Roy - AB7CE

Art - KB7WW *

Glenn - WA7SPY *

Ron - KI0II *

The VA Hams + OLW - 1

Mike - KT4FJ

Doug - W4IDW

Skip - K0YWD

John - W4IM

Paul - W2RIA

The NE-TX Tornados - 44

Bill - K5JHP *

Chuck - W5USJ *

Don - K5DW *

George- W5YR *

Rich - N5JI

The Minnesota North Stars - 54

Mert - W0UFO *

Scott- N0AR *

Craig- AA0ZZ * Clean Sweep

Jim - N0UR *

Pat - K0PC *

The Cockroaches - 3

Gary - KM5TY

Dave - N0IT

Rich - K7SZ

Tom - WA1VAI/3

Mike - KD5CMN

The Night Owls - 15

Thom - WI8W

Jim - KJ0C

Ed - N4XY

Ronnie- KE4VPN

John - K7FD/K7LOW *

The Terminators - 15

Bill - NT1R

Thaire - W2APF

David - K7EL

Bob - N7XY

Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Wed, 27 Dec 2000 21:04:33 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [87300] FOX - Team Results -
Message-ID: <Pine.LNX.3.95.1001227205728.25030E-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #14 - NK6A -

| | |
|---------------------------------|---------------------------|
| The Raiders of the Lost RF - 32 | The Big Dawgs - 62 |
| Mary - NA6E | ET - N1FN * |
| Fred - VE3FAL | Tom - N5TW * |
| Rob - VE6JAZ | Larry- N2WW * Clean Sweep |
| Earl - VA6RF * | Bill - K0MP * |
| Bruce- VE5RC * | Bob - N6WG * |
| | |
| The ScQRPions - 55 | The Flying Pigs #1 - 22 |
| Floyd - NQ7X * | Diz - W8DIZ |
| Brian - K7RE * | Rick - WB6JBM |
| Conard- WS4S * | Dan - N8IE * |
| Chuck - K7Q0 | Brian- KB9BVN |
| Bob - NK7M * | Dave - WR50 |
| | |
| The Cheeseheads - 62 | The Houston Hounds - 59 |
| Brian - AE9K | Bill - K5ZTY |
| Jerry - N9AW * | Bill - W5SB * |
| Rick - NK9G * | Terry- KQ5U * |
| Lou - W9XU * | Dan - KK5LD |
| Jim - WA9TZE * | Danny- WA50JE * |
| | |
| The New England Hunt Club - 21 | The Swamp Rats - 43 |
| Joel - K1QM(SK) | Paul - K4FB * |

John - K1JD
Jim - KC1FB
Aron - N1ODL
John - KB1ENS
Seab - AA1MY

Jack - K4BYF
Pete - NV4V
Fred - W2XN *
Tom - N1TP *

The Buffalo Wings - 20
Mark - K2Q0
Dave - AA2PF
Howard- K2UD
Bob - K2VNM
Scott - AC3A

The Bayou City Brass Pounders - 63
Ed - K5VUU *
Bob - N5ET *
Henry - W5HNS
OJ - K10J *
Bruce - N1LN *

The Flying Pigs#2 - 11
Andy - N8MX
Kent - KB9VZS
Ron - N8VAR *
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Karl - K5DI
Dave - W0CH *
Doc - K0EVZ *

The Cajun Thunder - 34
Joel - KE1LA
John - K5JS
Wayne - K5E0A
Jim - N5IB
Tom - AC5JH *

The Underdogs - 43
Dan - N4ROA *
Roy - AB7CE
Art - KB7WW *
Glenn - WA7SPY *
Ron - KI0II *

The VA Hams + OLW - 1
Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD
John - W4IM
Paul - W2RIA

The NE-TX Tornados - 48
Bill - K5JHP *
Chuck - W5USJ *
Don - K5DW *
George- W5YR *
Rich - N5JI

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Mert - W0UFO *
Scott- N0AR *
Craig- AA0ZZ
Jim - N0UR *
Pat - K0PC *

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Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

The Night Owls - 17
Thom - WI8W
Jim - KJ0C *
Ed - N4XY
Ronnie- KE4VPN
John - K7FD/K7LOW *

The Terminators - 16
Bill - NT1R
Thaire - W2APF
David - K7EL
Bob - N7XY *
Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Wed, 27 Dec 2000 21:24:55 -0600
From: "kc0bdw" <kc0bdw@email.msn.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [87301] Qso on the warbler
Message-ID: <002501c0707d\$c14ac6a0\$93190f3f@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just had a very long QSO with KB0RPL. It lasted about an hour..We talked
about a Midwest PSK-80 net.. Nothing formal just a roundtable type of net.
If anyone's interested let me know. We can work out the time and day..
Hal
Bellevue, NE

Date: Wed, 27 Dec 2000 21:22:47 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [87302] Holiday Milliwatt Contest - Day 2
Message-ID: <5.0.2.1.0.20001227201610.00a4e050@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Another meager bag in between work and errands. Ended up with MI, AL, WI, and MI on 20M. Then VA on 40M. The latter was Dan, N4ROA running 25 mW!

Used the Argo 515 and 50mW to a portable SLX vertical. Wanted to put up a St. Louis Doublet for this contest but procrastination, 8F and 10" of old snow intervened.

Thought there would be more stations on 40M after 2300Z but not so. Called NQ9RP several times on 20M but no good. Tomorrow should be better (as they say)!

Thanks for the contacts OM's. This ultra low power stuff really is a blast. Perhaps a "milliwatt fox" is worth considering.

de Dave, NF0R nf0r@slacc.com

Date: Wed, 27 Dec 2000 19:30:32 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [87303] More milliwatts today, day 2 de NQ5RP
Message-ID: <20001228033032.21432.qmail@web703.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

To start off I removed as much ice from the PW-1 and its 4 radials. Smashed the 1/2" of ice from the ladder steps, and cleaned off the coil, coax connection, and stinger. Freezing fog in the night deposited that.

Plus an additional and fatal coating to my 2 el 3 band quad on the 70ft tower. Two spreaders are finished, but if we dont get more ice maybe some of it will

survive. I used aircraft aluminum on this re-build, & it stood up to an amazing amount of ice. But a second day and night of freezing rain/fog broke it.

I made 6 contacts, including NQ9RP 100mW, N4SO 900mW, WA3PTY 700mW, WE9W 200mW, KG4BIG 5w, N4UY with 20mW, and WQ4RP at 500mW.

Just for fun, N4SO and I did the QRPp Limbo and I went down to 20mW and he copied me still. Dosnt count for the contest, but we just did it for fun.

Tomorrow is the final day, hope to hear some more of you'all.

Jim KJ5TF (NQ5RP trustee)
"All Milliwatts, All The Time"

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Do You Yahoo!?
Yahoo! Photos - Share your holiday photos online!
<http://photos.yahoo.com/>

Date: Wed, 27 Dec 2000 22:45:26 EST
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu, YAESU@qth.net, FOX_TANGO@qth.net
Subject: [87304] ***** FS/Trade/50/50 ???
Message-ID: <52.52501a8.277c1156@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have a Toshiba laptop note book computer (Sattellite pro 430 CDT)
120 MHZ
1.3 GIG HD
32 MEGS of ram
28.8 Modem
10X CD ROM

Three CPU speed settings and screen brightness to save on battery power.
External "A" drive.
New Batteries.
Built in Battery charger.
Sound blaster PRO sound card.
External ports for printer, Modem (if needed), monitor, game port and a special port to run an external CD ROM.
The CD ROM can be removed from the bay but the external A drive that will fit into the same bay will not read.
There is nothing wrong with it.
I called Toshiba and they told me that it's in the manual.
It was not intended to be swapped.
I have seen them on the web for \$600.00 and up and with only 16 megs of ram and a 840 HD so i'm asking \$400.00 or sell/swap.
Please E mail of list.
Thanks
Bob

Date: Wed, 27 Dec 2000 19:41:09 -0800
From: "K7FD/N7SG" <cqdx@teleport.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [87305] Anyone planning on SKN?
Message-ID: <004601c07080\$051bb2c0\$a5231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hope to catch some action on Straight Key Night...will be on early New Year's Eve on 40m w/ the NC40a...then the next day on 20/15/10 with the K2.

Will be using my trusty J-38...

72 John K7FD
SKN Rules: <http://www.arrl.org/contests/announcements/skn.html>

Date: Wed, 27 Dec 2000 19:47:19 -0500
From: Shelly Somerville <somerville@uniserve.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [87306] Problems with RX in NorCal 40A
Message-ID: <3A4A8D97.FDBF453@uniserve.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I have just completed the NorCal 40A and have an annoying chatter in the audio. It sounds like a relay closing and with elementary signal tracing I have tracked the symptom back to the BFO. The power supply I am using is just under 15 volts, and all the voltages come close to those given for the test points in the manual. I can reduce the chatter by activating the AGC, but only if the AGC is turned back to give poor audio, also reducing the audio gain on the board helps. While testing on a dummy load the chatter does not occur.

This evening I will try 1) reducing the supply voltage, and 2) more signal tracing.

Other info, Tx seems fine, I was able to have a QSO, abt 150 miles with a 579 report, however it was tough copying for me. Tx also seems fine through my TS520S.

Any ideas?

73 John VE7CFG

Date: Thu, 28 Dec 2000 15:59:29 -0000
From: "Kenneth Evans" <w4du@bellsouth.net>
To: "NOGA" <nogaqrp@qth.net>, "QRP-l Discussion" <qrp-l@Lehigh.EDU>
Subject: [87307] PSK 31/WINNT
Message-ID: <001d01c070e7\$29c66cc0\$3b2efea9@w4du>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have found my solution for getting PSK 31 working on my Compq 5100 laptop. My message of a few days ago reflected that the sound card appeared to be "in use or non existent" when trying to run digipan with Windows NT. After trying numerous suggestions, I thru in the towel. Windows NT has been replaced with Windows 98 and Digipan runs fine. I wish I had a more elegant solution.

72/3,

Ken W4DU

QRP ARCI #696, GQRP, NOGA, NORCAL, ARRL-Life I am now runnig

Date: Thu, 28 Dec 2000 15:10:27 +1100
From: "Glen Torr" <glentorr@ozemail.com.au>
To: "\"Low Power Amateur Radio Discussion\"" <qrp-1@Lehigh.EDU>
Subject: [87308] Durability of PCB cases ?
Message-ID: <001001c07084\$1fcb8740\$462554d2@com.au>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy All,

I wonder if anyone on the list has experiences of use of PCB enclosures (such as AE6C's in QRP Power p3.16) in a backpack environment and how they stand up to such use?

Cheers

Glen VK1FB

Date: Wed, 27 Dec 2000 22:14:37 -0600
From: "Don Wines" <dwines@tyler.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87309] Re: Anyone planning on SKN?
Message-ID: <010c01c07084\$b1a13520\$689286d0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi John,

I'm planning on working some SKN early evening but have to get up early for a short trip on New Years Day. So I'll be hitting the sack probably before midnight. I'll be using a K2 with a J-38.

Hope to CU on 40!

72
Don, K5DW
QRP-L #2083 ARCI #10145 NETXQRP #3
k5dw@arrl.net or
dwines@tyler.net
See the NETXQRP Web Page at: www.netxqrp.org

----- Original Message -----

From: K7FD/N7SG <cqdx@teleport.com>

> Hope to catch some action on Straight Key Night...will be on early New
> Year's Eve on 40m w/ the NC40a...then the next day on 20/15/10 with the
K2.

>

> Will be using my trusty J-38...

>

> 72 John K7FD

> SKN Rules: <http://www.arrl.org/contests/announcements/skn.html>

>

Date: Wed, 27 Dec 2000 23:53:02 EST

From: MVSOPEN@aol.com

To: qrp-l@lehigh.edu

Subject: [87310] QRP - Where do I start?

Message-ID: <c2.5031a32.277c212e@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Greetings, everyone!

After 25 years of on-again, off-again study, I finally made amateur extra. I celebrated this lifetime goal by selling off all of my high powered HF stuff, and now wish to begin "all over again" with the world of QRP. But my question is happily confusing: Where do I begin?

I do know a few things:

1. I want to work 20 and/or 40 meters, < 5 watts.
2. I want to build it myself, but have no experience in doing so. I do have access to scopes, signal generators, and alignment tools at work.
3. I'd like to be able to work from portable locations, since I enjoy volunteering with emergency services.
4. While costs are not really important, \$250 "Elecraft" type kits are far more than I'd like to spend for my first construction attempt. With my weak kit building skills, I'd feel much safer working my way up towards those. (Less expensive "smoke"?)

I have read the QRP article from last month's QST so many times that I'm

starting to wear the pages out! So I thought I'd ask you all, the experts, for advice. What makes a "good" QRP rig? What features are essential, and what can I ignore? Any other tips for an absolute beginner?

Please respond either direct or thru this list.

Thanks!

Rich de KY6O
KY6O@ARRL.NET

Date: Wed, 27 Dec 2000 23:54:04 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: "KM1Z Fran Flynn" <fflynn@together.net>, "DeVarney, Bob \ (WE1U\)" <we1u@amsat.org>, "KB1ENS John Wagner" <john@neknetwork.com>, "Sara Riley" <sara@wulfden.org>
Message-ID: <LPBBJAGIPFHKPJENAKLOCECADFAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK, gang 25 pelts ... things went kind of dead the last 20 minutes then KI0II popped up and that was it ... all in all the QRM wasn't too bad until a pair in QSO on 7141 with S8+S9 crowded me from listening below ... lot of hounds hung on 7141.5 my transmit freq and I also found a lot up .3 ... the guys in 5-land made my ears earn their keep tonite ... Karl gave me his usual miserly 339 ... what I want to know is it his transmitter or my receiver that needs geritol???? Many familiar calls, the 'usual suspects' as they say and many new calls ... another few of these and I will be ready for anything ... thanks for being a great captive audience ..

I dunno which gave me more trouble KV4EE's call, KG4FGC's call or KR5C's name ... not too nervous this time, and I can now send "Name ?" in my sleep ... thankyou hounds one and all ... Mon-sewer le Fox will kindly go open a cold beer! (I don't care if it is -10F here!)

| Time | Call | RST | Name | State | Power |
|------|-------|-----|----------|-------|-------|
| 0205 | AF4PS | | 559 Mac | FL | 5W |
| 0208 | N4ROA | | 589 Dan | VA | 5W |
| 0210 | KC1FB | | 559 Jim | CT | 5W |
| 0213 | K4FB | 559 | Paul | FL | 5W |
| 0217 | K4BYF | | 579 Jack | FL | 5W |
| 0226 | N1TP | 559 | Tom | FL | 5W |

| | | | | | |
|-------------|-----|--------|-------|----|----|
| 0228 W9WIS | 559 | Mike | WI | 5W | |
| 0233 KV4EE | | 559 | Craig | SC | 5W |
| 0237 KB9BVN | 559 | Brian | IN | 5W | |
| 0241 W3PNL | | 579 | Joe | PA | 5W |
| 0245 KK5LD | | 559 | Dan | TX | 5W |
| 0249 KB1ENS | 559 | John | VT | 5W | |
| 0254 K4TJD | | 559 | Tom | GA | 5W |
| 0300 KR5C | 559 | George | TX | 5W | |
| 0307 KU4TN | | 559 | James | VA | 5W |
| 0309 W0CH | 559 | Dave | MO | 5W | |
| 0313 N0KLV | | 559 | Kevin | MN | 5W |
| 0319 K9IUA | | 559 | Kevin | ND | 5W |
| 0328 KJ0C | 559 | Jim | MO | 5W | |
| 0332 AF4LQ | | 569 | Mike | KY | 5W |
| 0335 KG4FGC | 559 | Ken | NC | 5W | |
| 0340 W9DND | 559 | John | MN | 5W | |
| 0345 WU9F | 559 | Terry | TX | 5W | |
| 0350 K5DI | 339 | Karl | NM | 5W | |
| 0355 KI0II | | 559 | Ron | CO | 5W |

72 de brian, n1bq

--

N1BQ-3 @ 44 31.73N 072 51.55W
 WideN-N digi and weather station in Underhill Center, VT
<mailto:n1bq@wulfden.org>
 AMSAT LM-1418 NJQRP #274
 QRP-L #2276 Zombie #768

 Date: Thu, 28 Dec 2000 01:13:56 EST
 From: DYARNES@aol.com
 To: k7qo@primenet.com, qrp-1@lehigh.edu
 Subject: [87312] Re: K1 30 meter band module question
 Message-ID: <2b.efd2d6f.277c3424@aol.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"
 Content-Transfer-Encoding: 7bit

In a message dated 12/27/00 3:04:09 PM US Mountain Standard Time,
 k7qo@primenet.com writes:

<< Anyone got a 30 meter module and can tell me what C18 is? >>

Chuck and all,

I got mine yesterday, and it had a 4.7 puff included. Looks like you may have gotten the wrong part.

Dave W7AQK

Date: Thu, 28 Dec 2000 01:23:40 EST
From: SKIPNC90@aol.com
To: k7qo@primenet.com, qrp-1@lehigh.edu
Subject: [87313] Re: K1 30 meter band module question
Message-ID: <8a.6b4005.277c366c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

k7qo@primenet.com writes:

<< Anyone got a 30 meter module and can tell me what C18 is? >>
Hi Chuck,

C18 is a couplling cap for the RF bandpass filter. You can use the 10 pf cap in place of the 4.7-5 pf called for. There will be a small increase in the amount of coupling between stages but it will work in a pinch. Grab a 5 pf cap for the NorCal cap kit and replace it with one and you will be in the ballpark too.

73, Skip Davis NC90
FT K2 #0065

Date: Wed, 27 Dec 2000 22:02:16 -0800
From: Dave Fifield <fifield@pacbell.net>
To: dmaliniak@verticalnet.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87314] Re: New call
Message-ID: <006201c07093\$bbsd25100\$0600a8c0@earthlink.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi David,

Nice call sir!! Glad to have you as a member of the ADxA club!
It's surprising, but there are three of us who are known QRP'ers...

yourself AD2A, me AD6A, and Roy AD5A. I wonder if there are any others?

Cheers es 72,
Dave Fifield
AD6A

> (snip) I'm now the proud holder of AD2A, according to the FCC database.
> So if you hear N2SMH anymore, it's a slim. :-)
>
> 72,
> David, AD2A
> Glen Rock, NJ

Date: Thu, 28 Dec 2000 02:12:50 EST
From: WB9MII@aol.com
To: qrp-1@lehigh.edu
Subject: [87315] re: Anyone planning on SKN ?
Message-ID: <d8.3e16fa.277c41f2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

On new years day I will be in there pitchin' with my new OHR20, Indoor homebrew Joystick and my venerable smooth as silk action Lionel J38. Will be near the QRP window freq on 20.
72
Greg WB9MII

Date: Thu, 28 Dec 2000 03:28:18 EST
From: RangerSF5@aol.com
To: wb2vuo@juno.com, qRP-1@lehigh.edu
Subject: [87316] Re: Need Nevada?/Reply
Message-ID: <61.9f91e1f.277c53a2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/9/00 10:18:16 PM Eastern Standard Time, wb2vuo@juno.com writes:

<<

Keep in mind that from the inception of the Novice license, up until it was restructured in the 70's, the Novice was a 1-year non-renewable license. Earning the coveted Worked All States within your one calendar year, especially considering that your license might take 2 to 3 weeks to first arrive was quite an accomplishment. <!--BS TO THAT

A lot has to do with the operator.

Some are real lids and no one wanted to respond to them

Back in 1988 I worked WAS in three nights, 50 States, 11 Countries, 287 contacts, 40 meters. QRP

I also worked WAS a total of three times and had never asked anyone for a SKED.

I have the satisfaction of saying that I did it all by myself.

Come to think of it I worked WAS 3 times and all three times were less than a year.

Must be my skills HUH? <GRIN>

And now with almost everyone working CW QRO or QRP we all know where to bag a contact.

In just a bit under 2 hours I heard 27 states on the MFJ with an indoor antenna tonight, and now 2:AM EST stations from CA, OR, and TX are calling CQ. Many hams lose out for several reasons.

1 No CW filter so they QRT due to QRM.

or have a CW filter that's too wide.

They hear someone calling CQ but no response.

Rock the VFO a bit up and down.

That State you need just may have the RIT on.

Back to DXing.

73

Bob

WA2HOQrp <tm>

Date: Thu, 28 Dec 2000 11:13:33 -0000

From: "Thom Durfee" <wi8w@arrl.net>

To: <qrp-1@lehigh.edu>

Subject: [87317] QRPARCI Award Manager Address Change

Message-ID: <003e01c070bf\$37a81280\$b50e1f40@bignet.net>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Howdy,

The QRPARCI Award Manager has a new mailing address effective immediately.

Thom Durfee WI8W

QRPARCI Award Manager
3509 Collingwood Avenue SW
Wyoming, MI 49509

If you sent in any applications recently to the old address I will still get them. Please use the new address for any future award applications.

Please be patient while I am in the middle of the move to the new location. I will issue any awards applied for just as soon as possible.

During the next 2 weeks you may find that any email sent to me using my ARRL email address may get bounced back to you. I am changing my Internet Service from DSL to Cable and there will be some outages while this change is being made. If you send me email and it gets bounced back, wait 24 hours and then send it again.

Have a great New Year

Thanks

73

Thom Durfee WI8W
QRPARCI Award Manager
wi8w@arrl.net
<http://www.braarc.net>
QRPARCI #4015
QRP-L #1761
SOC #249
ARS #760
FP #165

Date: Thu, 28 Dec 2000 06:54:48 -0500
From: Tim ORourke <TORourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [87318] Poles For Portable Antennas
Message-ID: <B157350CEE0BD411867B00A0C922E5D407D714@MAIL>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Any aluminum that has been "anodized" will not conduct on the surface. Anodize is a perfect insulator, it is actually aluminum oxide and forms a protective layer on the aluminum. Scrape, sand or buff area where connections are made.

If you have a friend that works for local power company ask them to donate any broken "hot sticks" to the cause. These are fiber glass extension poles that can go to 40 feet. Usually one section, the top section, is broken. collect enough dead ones and you can make some great field day dipole supports. I will post a picture later of our scout troop set up for Jamboree on the Air. Not backpackable but very good for field day type events. There 2" fiber glass poles that fit together for any length available on the net but I have lost the page. These are really heavy duty and I have used them with 3 and 4 element beams. Army surplus aluminum poles are also available at fairradio.com.

72 and best wishes for a great QRP year.

Tim O'Rourke KG4CHX

Date: Thu, 28 Dec 2000 05:57:38 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [87319] SKN? and J-38s
Message-ID: <3.0.2.32.20001228055738.007cbcf0@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

QRP-Lers,

K7FD/N7SG wrote:

>Will be using my trusty J-38...

I expect to give it a try also with my J-38. My first key, bought surplus in 1955 8^)...

How many folks out there still have J-38s?

Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
NETXQRP Club Website =96 <http://www.angelfire.com/tx4/netxqrpclub/>

Date: Thu, 28 Dec 2000 06:53:35 -0500
From: Dan Wolfe <n4roa@mounet.com>
To: qrp-l@Lehigh.EDU
Subject: [87320] Holiday mw
Message-ID: <3A4B29BF.3A0B@mounet.com>

Mornin'

[illegible]

<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Thu, 28 Dec 2000 07:25:46 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <w4du@bellsouth.net>
Subject: [87322] Re: PSK 31/WINNT
Message-ID: <00a201c070c9\$7d560260\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A harbinger of things to come, I'm afraid. Lots and lots of ham software has trouble with NT, I think we can expect it to be a lot worse with Win2K. Some folks are even reporting problems with ME.

Ham software often relies on connections to the hardware, and there is a huge difference in complexity between doing this the DOS way versus the Windows way. M\$ is working hard to beat the last vestiges of DOS out of Windoze, so we're going to have to learn to get a lot more sophisticated, or simply rely on commercial software.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Kenneth Evans" <w4du@bellsouth.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, December 28, 2000 10:59 AM
Subject: PSK 31/WINNT

> I have found my solution for getting PSK 31 working on my Compq 5100 laptop.
> My message of a few days ago reflected that the sound card appeared to be
> "in use or non existent" when trying to run digipan with Windows NT.
After
> trying numerous suggestions, I thru in the towel. Windows NT has been
> replaced with Windows 98 and Digipan runs fine. I wish I had a more
elegant
> solution.

> 72/3,
> Ken W4DU
> QRP ARCI #696, GQRP, NOGA, NORCAL, ARRL-Life I am now runnig
>

Date: Thu, 28 Dec 2000 08:03:48 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "NoVaQRP" <NoVaQRP@topica.com>, "Qrp-L" <qrp-l@Lehigh.EDU>, "NJQRP"
<njqrp@njqrp.org>
Subject: [87323] WI and AR on 20mw from VA(nr DC)
Message-ID: <GCECIJFJPOHMCKACOA0BAECICAAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

WOW!! -- how is this possible? Last night I worked nq9rp/qrpp and
nq5rp/qrpp using an old Ten Tec Argosy running 20 milliwatts to a 20m
vertical wire dipole hidden up in a tree in my back yard (talk about an
effective stealth antenna!). I checked my power output several times to
make sure I wasn't reading the reflected power or something. But it was 20
mw to the antenna (I keep my OHR wattmeter in line so I can easily check my
power level). Jerry and Jim were both running 100 milliwatts and were
strong here near DC -- 559 to 579 -- very easy to copy. I'm amazed that we
can make contacts with such low power.

I've been messing around with milliwatting a bit this year -- built a couple
Tuna Tins -- even added an amp to one to boost the power to about 900
milliwatts. Also worked a few stations with my Small Wonder Labs GM-10,
which puts out about 800 milliwatts.

Its been a good year -- 123 QRP countries worked -- 89 confirmed. About 20
or so 2-way QRP countries and a few QRPP countries - Scotland, Germany and
Namibia (V51AS can hear anything :-). I'll have to analyze the log and
issue a complete report on the attic antenna and QRPP experiments.

Happy New Year to All,

Jake - N4UY
Vienna, VA
(Wash DC suburbs)

Date: Thu, 28 Dec 2000 08:06:45 -0500 (GMT+5)
From: <wd9eyb@butler.qrp.com>
To: qrp-l@lehigh.edu
Cc: wvara@butler.qrp.com
Subject: [87324] Warbler Group Building Session
Message-ID: <Pine.LNX.3.95.1001228080510.12923C-100000@butler.qrp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Two Warblers will be built at the Warbler group building session this Saturday. If you would like to join the group, just let me know.

Jim, WD9EYB

Date: Thu, 28 Dec 2000 07:28:40 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <wb8rcr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [87325] Re: PSK 31/WINNT
Message-ID: <002401c070d2\$1ae17480\$0300a8c0@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I wonder if it's fair to say that the ham software has trouble with NT? I think that a lot more hardware has trouble with NT than software.

Otherwise, I believe that it would be a rarity for a particular piece of software to work on an NT system or Win 2000 for that matter.

I run NT on the computer I use for ham radio work. Actually NT Server 4.0 with various service packs. The current one is 6. I have run DigiPan, Zakanaka, WinPSK, the original PSK31 program, IZ8BLY programs such as Hellschreiber, Stream, and a host of other applications. And my own DOS FoxPro logging program. None have failed to work or given the least difficulty. The exception? One 32 bit Bible search program that the vendor acknowledged would not work under NT. I've not tried a lot of DOS based apps, but have yet to find one that did not work fine.

Several different motherboards and sound cards and other peripherals have been used. The programs did not care. They still worked.

On the other hand, installing NT has been a tedious process at times. Most installs required that certain temporary hardware be installed and then once the OS is operational, that can be removed and the hardware I wanted to use could be installed and would work fine. Case in point, certain video cards. One box refused to install NT if a SCSI (granted an older card) was physically in it. Once NT was installed and operational, the SCSI card could be put in and detected and worked fine. It was used for a tape drive.

Win 2000 Server on the other hand, did not have as much trouble installing (never crashed with the blue screen memory dump), but did not - on this current box - allow the com ports to install. DigiPan installed and did work on that platform as well. If I had set up a way to key the transmitter, it would have been usable. This is a hardware problem, not a software (application) problem. I attribut it to my hodgepodge of parts collection. A newer box setup for Win 2000 would have run fine.

So, please, someone tell me what software you are having trouble running under NT. I'd like to try it out. My curiosity is getting me. I'll download it (if so available), give it a try and report my findings.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
Web site: <http://www.qsl.net/wb9tka>
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, December 28, 2000 6:25 AM
Subject: Re: PSK 31/WINNT

> A harbinger of things to come, I'm afraid. Lots and lots of ham software
> has trouble with NT, I think we can expect it to be a lot worse with
Win2K.
> Some folks are even reporting problems with ME.
>
> Ham software often relies on connections to the hardware, and there is a
> huge difference in complexity between doing this the DOS way versus the
> Windows way. M\$ is working hard to beat the last vestiges of DOS out of
> Windoze, so we're going to have to learn to get a lot more sophisticated,
> or simply rely on commercial software.
>

Date: Thu, 28 Dec 2000 08:37:39 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: qrp-l@lehigh.edu
Subject: [87326] Re: Manhattan question
Message-ID: <5.0.0.25.1.20001228083727.00a46a30@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:10 PM 12/27/00 -0800, Tom Hartley wrote:

>Hi:

>

>I have been enjoying your updates of the Iowa QRP 10 on the NorCal web
>site. I think that your circuit construction is quite aesthetically
>appealing, besides being functional. I would like to know how you get
>the leads on the resistors and capacitors to have a curved bend to them
>instead of the typical angled bend. Do you have a jig or a special tool
>that makes them come out so perfectly?

>

>Thanks and 72,

>

>Tom Hartley AD6JT

Hi Tom,

That's a good question, and one that other have asked, so I
am sending the reply directly to you, but to QRP-L also.

Those resistor bends are formed with a pair of "round nose"
pliers that I obtained in a set from Sears back a few years
ago. With those nice rounded jaws on the pliers, the upper
bend is formed by grabbing the resistor lead adjacent to
the body, and wrapping the lead 180 degrees around the jaw.
The remaining sharp 90 degree bends are usually done with a pair
of miniature long nose pliers, with a 1/16 inch offset on the
lead that is grounded, so that everything matches up height
wise. If the resistor is from pad to pad, then the 1/16 inch
offset is not there. For resistors that have one end
grounded, the rounded bend is always the "hot" end, so that
that small loop can be used for a test point.

I delighted to get some feedback on the information that has
been posted on the NorCal page. What is there so far represents
a lot of hours of work, and I was starting to wonder if anybody
was actually reading it! :-)

72 and thanks again for the question.

Jim, K8IQY

Date: Thu, 28 Dec 2000 07:41:13 -0600
From: Pat Cain <pcain@onvoymail.com>
To: MVSOPEN@aol.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87327] Re: QRP - Where do I start?
Message-ID: <4.2.0.58.20001228073125.02007f10@ruby.autosim.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

Hi Rich,
Congratulations on making Extra! I suggest the SW-40+ or SW-20+ from Small=
=20
Wonder Labs (<http://www.smallwonderlabs.com/>). The cost is very reasonable=
=20
and you will gain a lot of experience with the kind of building you will do=
=20
in the future. These are similar to the DSW-40 that was featured in the QST=
=20
article but is no longer available due to parts availability.

One of the biggest advantages of this radio over the others in its class is=
=20
the Elmer 101 tutorial. This is a series of lessons based on the SW-40 that=
=20
goes through every section of the radio and thoroughly explains the=
=20
operation. A quick search for Elmer 101 turned up the whole series at=
=20
<http://home.earthlink.net/~hamkitbuilder/elmer101.html>. You couldn't go=
=20
wrong with this radio and Elmer 101 as your first kit.

Good luck with it & 73,
Pat K=D8PC

At 11:53 PM 12/27/00 -0500, MVSOPEN@aol.com wrote:

>Greetings, everyone!

>

>After 25 years of on-again, off-again study, I finally made amateur extra.I
>celebrated this lifetime goal by selling off all of my high powered HF=

stuff,
>and now wish to begin "all over again" with the world of QRP. But my=
question
>is happily confusing: Where do I begin?
>
>I do know a few things:
>
>1. I want to work 20 and/or 40 meters, < 5 watts.
>
>2. I want to build it myself, but have no experience in doing so. I do have
>access to scopes, signal generators, and alignment tools at work.
>
>3. I'd like to be able to work from portable locations, since I enjoy
>volunteering with emergency services.
>
>4. While costs are not really important, \$250 "Elecraft" type kits are far
>more than I'd like to spend for my first construction attempt. With my weak
>kit building skills, I'd feel much safer working my way up towards those.
>(Less expensive "smoke"?)
>
>I have read the QRP article from last month's QST so many times that I'm
>starting to wear the pages out! So I thought I'd ask you all, the experts,
>for advice. What makes a "good" QRP rig? What features are essential, and
>what can I ignore? Any other tips for an absolute beginner?
>
>Please respond either direct or thru this list.
>
>Thanks!
>
>Rich de KY60
>KY60@ARRL.NET

Date: Thu, 28 Dec 2000 08:41:46 -0500
From: geoff allsup <gallsup@whoi.edu>
To: w5usj@globeco.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87328] Re: SKN? and J-38s
Message-ID: <3A4B431A.C574E5DD@whoi.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck Carpenter wrote:

> I expect to give it a try also with my J-38. My first key, bought surplus
> in 1955 8^)...

>
> How many folks out there still have J-38s?
>
have a couple of them that my dad procured while in the Air Force
Reserves in the late '50s...

geoff

Geoff Allsup, W10H gallsup@whoi.edu or w10h@arrl.net
Woods Hole Oceanographic Institution Woods Hole, MA, USA

Date: Thu, 28 Dec 2000 07:44:52 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <w5usj@globeco.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [87329] Re: SKN? and J-38s
Message-ID: <005d01c070d4\$5e724a60\$0300a8c0@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How do we tell a real J-38 from a "fake"?

I've got one here that is identical in all appearance to a J-38. That is
from all of the pictures I've seen. Yet it's not that old and I'd have to
clasify it as a "lookalike." I think.

Works ok, but I don't know how the "feel" is compared to a real one. I
think that it is lighter of weight. I mounted it on a small block of wood
about the same size as the base dimensions but it's still a little light, so
to heavy it up a bit, I inserted some weights into the bottom of the wooden
base. I also formed some lead into the key base itself. This is underneith
so it can't be seen.

The hardware is machined, but the base is cast and hollow underneigh. How
were the real ones made? Knurled nuts are used on adjustments and the
binding posts are screw down, just like the old keys. It has the shorting
bar just like the originals. The knobs are plastic.

Of course there are no markings on the key. So what do I call this thing?
Actually looks and works pretty good on that wooden base. It's pretty
compact too. Good for portable opsation. Gee, it's been too many years
since I used a straight key.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandoooley@pipeline.com
Web site: <http://www.qsl.net/wb9tka>
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----

From: "Chuck Carpenter" <w5usj@globeco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, December 28, 2000 5:57 AM
Subject: SKN? and J-38s

>
> How many folks out there still have J-38s?
>

Date: Thu, 28 Dec 2000 08:50:03 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [87330] OT- TAKE THE COLD AWAY
Message-ID: <20001228.085004.-496919.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

ENOUGH ALREADY...

it's ban zoro daygrease all this weak... Alaska, come got ur wx back
son... it's killing this young cajun lad up heah in maine...

wind ban a-blowing like a breeze at a political filler buster... but my
w/r ant is still swinging free... 50mph wind gusts 20mph stedy brease
got sneaux flurries outside rite now...

ban interesting to watch my swr change as the sneaux builds on the roof
whare the twinlead is laying... so far I ban abel to melt the sneaux on
the antenna by working sstv @ 5w... course some of those pic on twenty
meters kinda heat the wires all by theyself... hee hee...

I done got the wood heater and the oil heater going fully blast to keeps
the place warm... guess an old tube rig would help warm the place...
kinda sad to see icicles hanging off ur final amp...

cu
ke1la joel

in maine
mainely freezin...

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 28 Dec 2000 09:01:23 EST
From: W1R0@aol.com
To: cqdx@teleport.com, qrp-1@lehigh.edu
Subject: [87331] Re: Anyone planning on SKN?
Message-ID: <94.e05522f.277ca1b3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Yes, I'll be on from my WWII CW operating table from the USS Bunkerhill CV-17
using the Korean War J-38 from the USS Mississenwa AO-144 with the Argonaut
II (only gray radio I have to match the table).

Will be looking for you.

72

Jim

W1R0/7

Date: Thu, 28 Dec 2000 06:04:06 -0800 (PST)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [87332] The Ultimate FT-817 test (It passed)
Message-ID: <20001228140406.14374.qmail@web11605.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

OK here's the test. My buddies from the Office of
Emergency Management want to see a demo of the FT-817.
So I put it in my backpack with some wire and my new
ZM-2 tuner and I meet them at Einstein's Coffee shop
this morning.

I run 20 feet of wire from the back of the chair up to
a suction cup on a nearby window. I run a counterpoise
along the floor. This place is all metal. Even the
windows have a metallic film on them. Tune up on 40
meters and check into ECARS net SSB on 7255. It works.
New Hampshire to Connecticut on 40 meters - 3 watts -

20 feet of wire. "You're what? You're sitting in a coffee shop? OK, Thanks for checking in. You're Q-5."

Who's smiling? Everyone at Einstein's this morning.

Do You Yahoo!?

Yahoo! Photos - Share your holiday photos online!

<http://photos.yahoo.com/>

Date: Thu, 28 Dec 2000 14:22:29 +0000
From: The Wheelers <rains@digisys.net>
To: qrp-1@Lehigh.EDU
Subject: [87333] OT: Bragging
Message-ID: <3A4B4CA5.9A1409A7@digisys.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am the first to state that a divorce is never a nice thing, but I have to admit that at least one divorce was to my benefit. My wife, playing santa, obtained the deal of a lifetime for me.

I now own a U.S. Tower 72' crank-up fold over tower complete with the rotator and five attached antennas. Dipoles for 80 and 160, a sloper for 40, an older tri-bander, and a 2m/440 ground plane.

All this for only \$800.00, take it down and drag it home. Now as soon as this darn white stuff melts and the ground thaws I will be in business. In the meantime the articles on rebuilding old tri-band antennas sure will come in handy.

Merry Christmas and all the best for the New Year to all you and your loving families.

Vern, N7SPK
Kalispell, Mont.

Date: Thu, 28 Dec 2000 09:41:38 -0500 (EST)
From: <baltimoremd@baltimoremd.com>
To: "Dan W. Dooley" <dandooley@pipeline.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87334] Re: SKN? and J-38s
Message-ID: <Pine.BSI.4.05L.10012280940590.8104-1000000@vh1.min.net>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 28 Dec 2000, Dan W. Dooley wrote:

>

> Of course there are no markings on the key. So what do I call this thing?

straight key

../..
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

| | |
|---|---|
| http://www.baltimoremd.com/ | Baltimore's Home Page |
| http://www.baltimorehon.com/ | Home of the Baltimore Lexicon |
| http://www.zerobeat.net | Home of The QRP Web Ring and Drake Mail List Pages |

Date: Thu, 28 Dec 2000 09:51:18 -0500
From: Joseph I Pirkle <ad4ih@juno.com>
To: rains@digisys.net
Cc: qrp-l@Lehigh.EDU
Subject: [87335] Re: OT: Bragging
Message-ID: <20001228.095120.-3772261.3.ad4ih@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Thu, 28 Dec 2000 14:22:29 +0000 The Wheelers <rains@digisys.net>
writes:

> I am the first to state that a divorce is never a nice thing, but I
> have to admit that at least one divorce was to my benefit. My
> wife,

> playing santa, obtained the deal of a lifetime for me.

>

> I now own a U.S. Tower 72' crank-up fold over tower complete with
> the rotator and five attached antennas. Dipoles for 80 and 160, a
> sloper for 40, an older tri-bander, and a 2m/440 ground plane.

>

> All this for only \$800.00, take it down and drag it home. Now as
> soon as this darn white stuff melts and the ground thaws I will be
> in business. In the meantime the articles on rebuilding old tri-
> band antennas sure will come in handy.

>

> Merry Christmas and all the best for the New Year to all you and

> your loving families.
>
> Vern, N7SPK
> Kalispell, Mont.
>

Obviously no CC&R's there. Congratulations and PLEASE work safely,

72/73,
Joe Pirkle, AD4IH,
QRP-L #2236, WCF Warbler #2
ad4ih@arrl.net / ad4ih@juno.com

Date: Thu, 28 Dec 2000 10:12:50 EST
From: Shepherd@aol.com
To: fpqrp-l@mpna.com, qrp-l@lehigh.edu
Subject: [87336] Cub Fox Log: 12/27 N8IE v1.0
Message-ID: <58.521588a.277cb272@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello all! First off, sorry to be late in posting this, my "week off" from work has turned out to be busier than my normal week. :-)

Anyway, thanks to all who showed up, there were a lot of you calling, and I could pick out bits of calls, but the QRM was just killing me.

Please pass along corrections to me.
Happy New Year to all!

| time | call | rec | snt | st | name | pwr |
|------|--------|-----|-----|----|--------|-----|
| 0200 | k0evz | 579 | 559 | nd | doc | 5w |
| 0206 | af4ps | 559 | 559 | fl | mac | 4w |
| 0209 | k9iua | 559 | 559 | nd | kevin | 5w |
| 0211 | kv4ee | 559 | 559 | ga | craid | 5w |
| 0213 | n0sg | 559 | 559 | co | tom | 5w |
| 0217 | w9wis | 559 | 559 | wi | mike | 5w |
| 0218 | k4byf | 559 | 559 | fl | jack | 5w |
| 0219 | n8we | 559 | 559 | oh | glen | 5w |
| 0234 | n0bn | 559 | 559 | co | dan | 5w |
| 0237 | wb8wtu | 559 | 449 | oh | dennis | 5w |
| 0239 | k4tjd | 559 | 559 | ga | tom | 5w |
| 0251 | aj4ay | 579 | 559 | al | jay | 5w |
| 0254 | n4so | 599 | 559 | al | ken | 5w |
| 0257 | wa7tqk | 559 | 449 | id | bill | 5w |

0301 w0ch 559 339 mo dave 500mw
0305 w5yr 559 559 tx geo 5w
0310 wu9fn 559 339 wi 5w?
0327 kk5ld 559 559 tx dan 5w
0332 kv4tn 449 559 tn kevin 1w
0340 w8pig/4 559 559 fl mac 4w
0357 n5ge 559 559 tx lary 5w

72, 73, oo's

Dan, N8IE Kettering, Oh

FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667, SOC #284

<http://members.aol.com/shephed/n8ie.htm>

Date: Thu, 28 Dec 2000 07:11:42 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: w5usj@globeco.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87337] Re: SKN? and J-38s
Message-ID: <3A4B582E.5DB4F442@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck Carpenter wrote:

>
> QRP-Lers,
>
> K7FD/N7SG wrote:
>
> >Will be using my trusty J-38...
>
> I expect to give it a try also with my J-38. My first key, bought surplus
> in 1955 8^)...
>
> How many folks out there still have J-38s?
>

My favorite SK is my Navy CLT 26001-B which I acquired in 1953. Looks like an S-38. Silver plated brass, showing its age (could use a new plating) but 100% mechanically fine. I'm especially happy to report having it, because it was missing for 3-4 years, and turned up last month in a broom closet (150 ft from my shack): Go figure that one out!

73, Phil W70X

Date: Thu, 28 Dec 2000 09:18:54 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [87338] FOX - Team Results -
Message-ID: <Pine.LNX.3.95.1001228091118.31274A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #15 - N9AW -

| | |
|---------------------------------|---------------------------|
| The Raiders of the Lost RF - 35 | The Big Dawgs - 67 |
| Mary - NA6E | ET - N1FN * |
| Fred - VE3FAL | Tom - N5TW * |
| Rob - VE6JAZ * | Larry- N2WW * Clean Sweep |
| Earl - VA6RF * | Bill - K0MP * |
| Bruce- VE5RC * | Bob - N6WG * |
| | |
| The ScQRPions - 59 | The Flying Pigs #1 - 22 |
| Floyd - NQ7X * | Diz - W8DIZ |
| Brian - K7RE * | Rick - WB6JBM |
| Conard- WS4S | Dan - N8IE |
| Chuck - K7Q0 * | Brian- KB9BVN |
| Bob - NK7M * | Dave - WR50 |
| | |
| The Cheeseheads - 67 | The Houston Hounds - 64 |
| Brian - AE9K * | Bill - K5ZTY * |
| Jerry - N9AW * | Bill - W5SB * |
| Rick - NK9G * Clean Sweep | Terry- KQ5U * Clean Sweep |
| Lou - W9XU * | Dan - KK5LD * |
| Jim - WA9TZE * | Danny- WA5OJE * |
| | |
| The New England Hunt Club - 23 | The Swamp Rats - 46 |
| Joel - K1QM(SK) | Paul - K4FB * |
| John - K1JD | Jack - K4BYF * |
| Jim - KC1FB * | Pete - NV4V |
| Aron - N1ODL * | Fred - W2XN * |
| John - KB1ENS | Tom - N1TP |
| Seab - AA1MY | |

The Buffalo Wings - 20

Mark - K2QO
Dave - AA2PF
Howard- K2UD
Bob - K2VNM
Scott - AC3A

The Bayou City Brass Pounders - 68

Ed - K5VUU *
Bob - N5ET *
Henry - W5HNS * Clean Sweep
OJ - K10J *
Bruce - N1LN *

The Flying Pigs#2 - 12

Andy - N8MX
Kent - KB9VZS
Ron - N8VAR
Kenn - KM7KEN
Andrew - AC7CF *

The Fox Terrors - 62

Tim - K5OI *
Don - K5AAR *
Karl - K5DI *
Dave - W0CH
Doc - K0EVZ *

The Cajun Thunder - 36

Joel - KE1LA
John - K5JS
Wayne - K5E0A *
Jim - N5IB *
Tom - AC5JH

The Underdogs - 47

Dan - N4ROA *
Roy - AB7CE
Art - KB7WW *
Glenn - WA7SPY *
Ron - KI0II *

The VA Hams + OLW - 1

Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD
John - W4IM
Paul - W2RIA

The NE-TX Tornados - 52

Bill - K5JHP *
Chuck - W5USJ *
Don - K5DW *
George- W5YR *
Rich - N5JI

The Minnesota North Stars - 58

Mert - W0UFO
Scott- N0AR
Craig- AA0ZZ
Jim - N0UR
Pat - K0PC

The Cockroaches - 3

Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

The Night Owls - 19

Thom - WI8W
Jim - KJ0C *
Ed - N4XY
Ronnie- KE4VPN
John - K7FD/K7LOW *

The Terminators - 17

Bill - NT1R
Thaire - W2APF
David - K7EL
Bob - N7XY *
Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Thu, 28 Dec 2000 08:22:36 -0700
From: Ray Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu
Subject: [87339] Re: SKN? and J-38s
Message-ID: <3A4B5ABB.94A47B98@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yep - going to try with the WE look-a-like driving
the Knight T-60 and BC348 hearing aid.

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC#3618, SOWP#1064M SOC#78 fp #111
NCT2 (also w5xe@juno.com El Paso, (FAR WEST) TEXAS

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Date: Wed, 27 Dec 2000 23:57:40 -0600
From: "Mike Duke" <k5xu@concentric.net>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [87340] Fireball 40
Message-ID: <000b01c070e2\$62591920\$1d320140@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A friend has asked me if this little rig is still available.

Please send the appropriate information.

72,

K5XU

Date: Thu, 28 Dec 2000 09:15:26 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87341] Re: SKN? and J-38s
Message-ID: <002b01c070e1\$02efdb00\$8c773ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Chuck,

My J-38 stays connected all of the time as a backup. I'm not sure of its origin though as I inherited it from a good friend that passed away some years ago and I believe he received it from his father.

73,

Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Thu, 28 Dec 2000 10:33:31 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: "KB1ENS John Wagner" <john@neknetwork.com>
Subject: [87342] FOX CUB - 12/27/2000 - final tally
Message-ID: <LPBBJAGIPFHKPJENAKLOGEDADFAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well in the absence of any further complaints/corrections, this is where it stands;

- 25 contacts, 10 got their second pelt from me, the rest were new hounds
- 17 states - FL(4), TX(3), best DX - Karl (NM) or Ron (CO)

Again, Monsewer le Fox salutes his worthy adversaries ... the hounds ... I will QSL all my new hounds and respond to any of the old hounds who for some reason need another QSL

| Time | Call | RST | Name | State | Power |
|------|--------|-----|-----------|-------|-------|
| 0205 | AF4PS | | 559 Mac | FL | 5W |
| 0208 | N4ROA | | 589 Dan | VA | 5W |
| 0210 | KC1FB | | 559 Jim | CT | 5W |
| 0213 | K4FB | 559 | Paul | FL | 5W |
| 0217 | K4BYF | | 579 Jack | FL | 5W |
| 0226 | N1TP | 559 | Tom | FL | 5W |
| 0228 | W9WIS | 559 | Mike | WI | 5W |
| 0233 | KV4EE | | 559 Craig | SC | 5W |
| 0237 | KB9BVN | 559 | Brian | IN | 5W |
| 0241 | W3PNL | | 579 Joe | PA | 5W |
| 0245 | KK5LD | | 559 Dan | TX | 5W |
| 0249 | KB1ENS | 559 | John | VT | 5W |
| 0254 | K4TJD | | 559 Tom | GA | 5W |
| 0300 | KR5C | 559 | George | TX | 5W |
| 0307 | KU4TN | | 559 James | VA | 5W |
| 0309 | W0CH | 559 | Dave | MO | 5W |
| 0313 | N0KLV | | 559 Kevin | MN | 5W |
| 0319 | K9IUA | | 559 Kevin | ND | 5W |
| 0328 | KJ0C | 559 | Jim | MO | 5W |
| 0332 | AF4LQ | | 569 Mike | KY | 5W |
| 0335 | KG4FGC | 559 | Ken | NC | 5W |
| 0340 | W9DND | 559 | John | MN | 5W |
| 0345 | WU9F | 559 | Terry | TX | 5W |
| 0350 | K5DI | 339 | Karl | NM | 5W |
| 0355 | KI0II | | 559 Ron | CO | 5W |

--

Brian B. Riley --> <http://members.macconnect.com/~brianbr>
<<mailto:brianbr@wulfdn.org>>
<<mailto:n1bq@amsat.org>>

Date: Thu, 28 Dec 2000 07:36:19 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87343] Re: SKN? and J-38s
Message-ID: <3A4B5DF3.DB6CA9FC@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> My favorite SK is my Navy CLT 26001-B which I acquired in 1953. Looks
> like an S-38.

Make that a J-38 .. not enough dials for an S-38 :-;

> Silver plated brass, showing its age (could use a new
> plating) but 100% mechanically fine. I'm especially happy to report
> having it, because it was missing for 3-4 years, and turned up last
> month in a broom closet (150 ft from my shack): Go figure that one out!
>
> 73, Phil W7OX

Date: Thu, 28 Dec 2000 10:39:17 EST
From: AA3BP@aol.com
To: <qrp-l@lehigh.edu>
Cc: <aa3bp@aol.com>
Subject: [87344] Soldering Tip Life??
Message-ID: <15.dbf7795.277cb8a5@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

After 8+ years of building 100++ kits, projects, etc. with a Radio Shack 30w soldering iron, Santa finally brought me a Weller Soldering station.

Question: Before I order some spare tips for it, how long can I expect a tip to last? I know this is a relative question, but the current rate with my trusty \$7 RS iron is one major QRP kit - one tip. My new Weller station uses

the "ET" series tips. I'm hoping that the "ya gets what ya pays for" rule will apply and \$5 tips will last considerably longer their \$1 RS cousins!

And yes, I acknowledge that I'm behind the curve on the latest equipment. Of course, I still use a J-37 (no J38 for me!) straight key *every* night!

Thanks and happy holidays!

Jim, AA3BP
Mechanicsburg, PA

Date: Thu, 28 Dec 2000 07:45:29 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: AA3BP@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87345] Re: Soldering Tip Life??
Message-ID: <3A4B6019.438C9530@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

AA3BP@aol.com wrote:

>
> After 8+ years of building 100++ kits, projects, etc. with a Radio Shack 30w
> soldering iron, Santa finally brought me a Weller Soldering station.
>
> Question: Before I order some spare tips for it, how long can I expect a tip
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> trusty \$7 RS iron is one major QRP kit - one tip. My new Weller station uses
> the "ET" series tips. I'm hoping that the "ya gets what ya pays for" rule
> will apply and \$5 tips will last considerably longer their \$1 RS cousins!
>

I suspect it is very dependent on the particular model. I have a Weller WTCPT or some such station and I think it uses PTA or PTF tips (too many letters to keep straight!) that have a silvery appearance. Using one tip I've built the following: K2, DSW-20, SST, PSK-20, PSK-80 and a K1 (plus miscellaneous little projects). The single small diameter tip I've used is still fine and shows no appreciable wear.

Some years ago I had an iron with copper tips. They did not last so well.

Phil W7OX

Date: Thu, 28 Dec 2000 10:30:54 -0500
From: Bill Lazure <n2tpa@juno.com>
To: qrp-1@lehigh.edu
Subject: [87346] Re: Anyone planning on SKN?
Message-ID: <20001228.105644.-241445.2.N2TPA@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

For the past three years, I have worked the same person on SKN. He's also a transmitter engineer for a competing broadcast station across town.

We thought we'd miss each other last year due to having to work for the Y2K thing, but we both hooked up on 40 right before we both left for work.

Point is: I ****Have**** to be on to work him. Ill be using my 2N2/40 with an inverted Vee and my trusty J-38. I'm usually on around 2200L.

73,

Bill
W2EB

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 28 Dec 2000 08:06:10 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-1@lehigh.edu
Subject: [87347] Re: SKN? and J-38s
Message-ID: <20001228080610.C2804@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Thu, Dec 28, 2000 at 05:57:38AM -0600, Chuck Carpenter wrote:
> QRP-Lers,
>
> K7FD/N7SG wrote:
>
> >Will be using my trusty J-38...

>
> I expect to give it a try also with my J-38. My first key, bought surplus
> in 1955 8^)...
>
> How many folks out there still have J-38s?

I still have mine from 1951!

Now the real question is: How many still use them?

--

Bob Nielsen, N7XY
Bainbridge Island, WA

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Thu, 28 Dec 2000 11:09:25 -0500
From: rich a <rckchp@home.com>
To: w5usj@globeco.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87348] Re: SKN? and J-38s
Message-ID: <3A4B65B4.1E298453@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Chuck Carpenter wrote:

>
> QRP-Lers,
>
> K7FD/N7SG wrote:
>
> >Will be using my trusty J-38...
>
> I expect to give it a try also with my J-38. My first key, bought surplus
> in 1955 8^)...
>
> How many folks out there still have J-38s?
>
> Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1
> ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
> NETXQRP Club Website <http://www.angelfire.com/tx4/netxqrpclub/>

I've still got (and occasionally use) my J-38, bought from Atkinson &
Smith, Eatontown, N.J. , in 1960.

Date: Thu, 28 Dec 2000 10:08:33 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87349] RE: Anyone planning on SKN?
Message-ID: <01C070B6.2357F6A0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I'd always heard of the famous J-38 and how they could be had for a buck or two, but I never lived near a surplus store. So after 38 years or so of hamming, I finally bought one at the Fort Tuthill hamfest. Paid 35 bucks, but I'm sure proud to have it.

I like SKN, but pounding a straight key really makes my wrist hurt so I'm only good for a few QSOs. Last year was really great. I felt lousy all day, but got out of bed before midnight and made a SKN QSO that spanned both millennia. If you're a person that believes the new millennium starts 1/1/2001, you could do it this year.

J-38s all look pretty much alike regardless of who made them, don't they? That being the case, your J-38 should be mounted on a black synthetic base--sort of like bakelite but not so brittle I suppose. And it should have two terminals at the back of the base connected to each other by a brass strip. Lettering saying "TEL" and "LINE" should mark these two weird terminals.

Mine also has lettering "J-38" at the operator's end of the base. At any given time you should be able to go to Ebay and type in J-38 and see a few for sale, some of them having pictures. They also have an "eye" screwed into the base. I guess so you can tie it off in case your ship or plane gets into some heavy maneuvers.

For this year's SKN, I feel that the J-38 will work best with a (nearly) 40 year old transmitter, so I'll have my HT-40 and VF-1 hooked to it, plus the Drake 2B receiver. I'll be QRO by virtue of my 40 or so watts out.

72/73--Nick, WA5BDU

OK--Just checked ebay and there are 5 up there. The first is kinda ugly. There are several really beautiful ones that look like new. The Lionel ones always seem to bring the most bucks. I guess they're the prettiest and;/or best made.

Date: Thu, 28 Dec 2000 11:26:24 EST

From: K5BDZ@aol.com
To: rckchp@home.com, qrp-1@lehigh.edu
Subject: [87350] Straight Keys in use
Message-ID: <72.66a9c23.277cc3b0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I still use my original Johnson Speedex (bought new in 1955) and use a J-38 as a back-up. Have many others for collection, but these are "users!"
Bill K5BDZ

Date: Thu, 28 Dec 2000 11:31:41 -0500
From: w2qu@juno.com
To: cqdx@teleport.com
Cc: qrp-1@Lehigh.EDU
Subject: [87351] Re: Anyone planning on SKN?
Message-ID: <20001228.113144.-607151.0.w2qu@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,

Will be going out to dinner with the XYL, but am going to try to get on later in the evening. Will be using the newly completed K1 (40/20) and Bencher key. Hope to see you on the air.

Dave
W2QU

On Wed, 27 Dec 2000 19:41:09 -0800 "K7FD/N7SG" <cqdx@teleport.com> writes:
> Hope to catch some action on Straight Key Night...will be on early
> New
> Year's Eve on 40m w/ the NC40a...then the next day on 20/15/10 with
> the K2.
>
> Will be using my trusty J-38...
>
> 72 John K7FD
> SKN Rules: <http://www.arrl.org/contests/announcements/skn.html>
>
>

Date: Thu, 28 Dec 2000 09:27:24 -0700

From: "Patrick McVey" <mcveyp.MOHAVE@narbha.com>
To: <qrp-1@lehigh.edu>
Subject: [87352] Re: Tuner-torial & baby's first cry
Message-ID: <sa4b08c8.090@mail.narbha.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Dear Collective,

All I can say is, "WOOHOO!" I got some excellent advice on tuner =
procedures. Reading the different comments helped enlighten me to some =
underlying electronics. ...I knew that ... oh so that's why...Eso es =
...That's Spanish, its not a distress call. You're all way cool.

OK, armed with a flurry of tuned circuit theory in my head, I =
started tweaking my 40m CW xcvr. I've had trouble with it because my =
reference equipment is uncalibrated. It's never done anything except emit =
static from the speaker. However, I was adjusting the tunable slug on the =
first can from the antenna and I heard a small whupwhup. I backed off and =
tweaked the fine tune & heard my first didididahdidah ...! What a moment. =
It's taken three years. Ladies & gentlemen, I just about cried. Moment =
over.=20

Patrick, kc7air
Kingman, Arizona

Date: Thu, 28 Dec 2000 22:38:28 -0600
From: "Glenn Butzlaff" <gbutzlaff@voyager.net>
To: <qrp-1@Lehigh.EDU>
Subject: [87353] Christmas Candle QRN
Message-ID: <002701c07151\$3c2ac720\$5383cfa9@biff>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For the past 2 weeks I have been suffering from high noise levels on 40
meters that have made every operating moment extremely uncomfortable,
especially on 40m (foxhunt, late nite DX, etc). S-9 plus 20 isnt unusual. I
was cussing out the power company for their crappy insulators on the poles
that surround my house (4 xformers too!) thinking they were the sole
problem. Serendipity happened last nite when, after unplugging the
flickering candle decorations in the windows, I snuck back into the basement
for one last CQ and found the noise was gone. Back upstairs, plug the
candles back in, back to the shack and sure enuff, 20 over noise. Now those
candles won't be flickering during any operating time till they come down

(probably in February like last year!). Happy New Year to all.

Glenn Butzlaff, WE9K

Date: Thu, 28 Dec 2000 09:44:51 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-l@lehigh.edu
Subject: [87354] New on HF? Try SKN!
Message-ID: <Pine.SUN.4.10.10012280826230.11850-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
If you consider yourself in one of the following categories,
then read on ...

1. NEWBIE ON CW - just upgraded to HF from Tech/Tech+
2. RUSTY ON CW - Been a ham since the Titanic but haven't been on CW since the Truman administration
3. SHAKEY ON CW - I know the code, but still get confused between those "Y's" and "C's"
4. POKIE ON CW - Just can't seem to break that 10wpm barrier
5. GROUCHY ON CW - I can do CW, but it throws me into some altered state of consciousness

... then try STRAIGHT KEY NIGHT (SKN) NEW YEARS EVE/NEW YEARS DAY
=====

Straight Key Night (SKN) is sponsored by the ARRL, but it is *NOT* a contest. It is a long existing annual event to get on the air with your straight key and have some old-fashioned brass-pounding QSO's. And due to everyone participating using nothing but straight keys, you're not gonna hear 30wpm CQ's or QSO's. 18-22wpm is typical, with lots of QSO's in the 13-15wpm range, and even slower. Most participating ops are pretty good about matching your code speed.

So if you are new, rusty or otherwise a bit shakey on CW, this REALLY is an ideal event for you to try. It's also a blast no matter what your CW skills or how many decades you've been a ham. I really encourage you to try it. And I've done SKN for the past many years using QRP with full success ... in fact, some of the real old timers (OT's) you may work find it fascinating to talk about as well.

The quality of QSO's is generally outstanding. SKN is enjoyed by many

of the OT's. Over the years, I have worked CW ops on SKN that were everything from old maritime/ship-to-shore to ops from the old China Clippers. Some fists that were so-so, to others that are so clean, you'd swear they were using an old paper-tape machine to send CW. It will amaze you.

On QRP-L, we have a growing number of new members that have recently upgraded from tech/tech+ to general under the new licensing scheme, and some feel intimidated by the fast pacing of most contests, the FOX hunts, etc. Well, SKN is for you. If you haven't had a real CW QSO yet, then try SKN. Yeah, you're palms are gonna sweat, your heart is gonna beat ... WE ALL REMEMBER OUR FIRST QSO! Not a better place to have your first QSO than SKN.

I do encourage all to spend at least an hour during SKN ... QRP or QRO. Just do it.

72, Paul NA5N

PS - I'll post the brief and simple rules following this post.

Date: Thu, 28 Dec 2000 11:38:39 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: TORourke@KaiserFT.com
Cc: QRP-L@lehigh.edu
Subject: [87355] Re: Poles For Portable Antennas
Message-ID: <3A4B6C8F.1BF3@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tim,

Sanding the aluminum tube is really only a temporary solution. Each time you expose teh aluminum surface to air it will immediately begin to form an aluminum-oxide surface to protect it self. I would suggest you use some small self tapping screws and lockwasher type solder lugs to interconnect teh poles!

73

Date: Thu, 28 Dec 2000 10:11:07 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87356] Re: Soldering Tip Life??
Message-ID: <008f01c070e8\$c9adad60\$8c773ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Jim,

Yes, that is a very relative question and you do get what you pay for. If you follow a few practices you will get the maximum life out of your tip. The life span will vary among brands and quality but hopefully you will be using a tip with a good plating on it. Here are a some do's and don'ts for maximum tip life.

1. Tin every new tip as soon as it gets up to melting temperature when first put into service.
2. Never use the tip as a "pry bar" or any put any undo force on it so that the plating won't crack.
3. Always clean tip with the moist sponge and re-tin after before you place it back into its holder (make it a habit).
4. Of course, never sand or use any abrasive on your tip to "clean" it. If the tip seems to have a bad spot on it try wiping it on the moist sponge and re-tinning it several times.
5. Before turning the soldering iron off, wipe the tip clean and re-tin with lots of solder before removing power.
6. NEVER place any tip back into the holder bare clean, plated or not.

Most of these steps are to prevent oxidation that is the main cause of short tip life. After many (usually thousands) of solder joints the tip's plating will wear and the tip will erode even if taken care of properly but by following the above practices one can get the maximum life out of a tip. Keeping fresh solder on a tip when not in use helps prevent the tip from oxidizing which normally accelerates with temperature.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Thu, 28 Dec 2000 10:09:17 -0700 (MST)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: qrp-1@lehigh.edu
Subject: [87357] SKN 2001 Rules
Message-ID: <Pine.SUN.4.10.10012280944570.12331-1000000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For complete rules, see www.arrl.org or QST.
But it's really pretty simple. NO SCORING REQUIRED :-)

STRAIGHT KEY NIGHT (SKN) runs from 01JAN 2001 0000-2400UTC.
That's 7pm EST (5pm MST) on News Years Eve
to 7pm EST (5pm MST) on New Years Day

Any ham band ... and since this is NOT A CONTEST, you can use the
WARC bands for SKN.

You will likely hear "CQ CQ SKN" to identify an SKN participant.
More than likely, you will notice the straight key "sound" first :-)
Send "SKN" instead of "RST" in your signal report. This is the ONLY
distinction between SKN and a regular QSO.

The idea of SKN is not to see how many stations you can work in the 24
hour period, but how many quality QSO's you can have. That is, those
quickie "UR 599 NY TU QRZ?" thingies are HIGHLY discouraged. Go back
and forth for a couple or three times and have a real QSO. Many SKN ops
are the older hams, and many use SKN as an excuse to put some classic
old rig on the air as well ... and love to talk about the key and rig
they are using. Makes for an interesting QSO.

If you wish ...
Send a list of the stations you worked for SKN to the ARRL.
Vote for the best first you heard (not necessarily worked)
Vote for the most interesting QSO you worked.

Send to ARRL, 225 Main Street, Newington, CT 06111 by Jan. 31
or by arrl email submission. They usually award a nice certificate
for those participating and will list those participating in QST.

In my opinion, SKN is the only night of the year where the CW bands
sound like they did 40 or more years ago. A trip back in time.

Enjoy ...

72, Paul NA5N/SKN

Date: Thu, 28 Dec 2000 09:17:48 -0700 (MST)
From: mugglesto@megsinet.net
To: Chuck Carpenter <w5usj@globeco.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87358] Re: SKN? and J-38s
Message-ID: <Pine.LNX.4.10.10012280915320.2425-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=iso-8859-1
Content-Transfer-Encoding: QUOTED-PRINTABLE

I have a J-44 (this is a J-37 with a Voice/Teleg switch on the base) and a CLT 26001-B (I'm told it a NAVY key). This has the Voice lever to the side.

I will try to be on as much as possible.

de KI00T, Brad

On Thu, 28 Dec 2000, Chuck Carpenter wrote:

> QRP-Lers,
>=20
> K7FD/N7SG wrote:
>=20
> >Will be using my trusty J-38...
>=20
> I expect to give it a try also with my J-38. My first key, bought surplus
> in 1955 8^)...
>=20
> How many folks out there still have J-38s?
>=20
>=20
>=20
> Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1
> ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
> NETXQRP Club Website =96 <http://www.angelfire.com/tx4/netxqrpclub/>
>=20

Date: Thu, 28 Dec 2000 10:12:53 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87359] Re: SKN? and J-38s
Message-ID: <0E36r2UAATzvb5YI9IJ00004a54@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

>From: "Chuck Carpenter" <w5usj@globeco.net>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Sent: Thursday, December 28, 2000 04:57 AM
>Subject: SKN? and J-38s
>

...

>How many folks out there still have J-38s?

Have a J-38 here, bought from an other list member some time ago. I'll be using it and an LTA/Morse Express Millennium Key during SKN.

** Happy Holidays **
73, Rod N0RC
Ft Collins CO

Date: Thu, 28 Dec 2000 17:48:48
From: "Tom Dufresne" <tdufres@hotmail.com>
To: QRP-L@lehigh.edu
Subject: [87360] Re: Anyone planning on SKN?
Message-ID: <F70wlib4g3Sv0YKpDS700008d89@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

"I'll be using a K2 with a J-38."

WHAT!!!! K2 with a J-38?!?! That is S000 wrong!!! It is like putting mag wheels on a '57 Chevy.. It's like putting a 'scope on a SKS... Its like eating grits with sugar and butter!... Its like drinking 50 year old scotch with ice!! (yuck!) Well you get the idea... (just kidding!)

I'll be aboard for Straight key night, but I'll be using my Drake T4X or my old Heath HW-16.

"PS-The previous statement was for educational and entertainment purposes only. Please no flames"

Tom

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Wed, 27 Dec 2000 23:57:37 -0700
From: "Ron, KU7Y" <ku7y@qsl.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [87361] CC&R's & EPA's contest calendar
Message-ID: <000501c070f6\$9c3a3520\$58c6a9d8@com>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Ed said, in part:

> Is it really a "choice" to have to live in an older home, with all of its
> associated maintenance problems, or have to live a 2-hour drive from
> work?

You bet it is!

You have lots and lots of choices. There are 50 states to live in and who knows how many places to work.

If you chose to live in only one small area or work for one particular company, that is your choice. NO one is forcing you to do that.

You have the opportunity to live where you can do the things you want but you MUST be willing to do what it takes to do it.

You can argue forever about how right or wrong, good or bad the situation is but the facts are that the ball is really in your court. The fact that you, for what ever the reasons, don't chose to move is still your choice.

I for one don't think the federal government, or any government, has the right to interfere with contracts between individuals. Seems that the constitution has something to say about that.

There is only ONE reason that there are so many places with CC&R's and that is that far too many people are too willing to give up their freedoms in exchange for something as silly as a house! If no one bought places that had CC&R's, they would be gone in a flash!

OK, that my last post on this subject.

Just got my calendar from the Eastern PA Qrp Club. Super job Ron!!

Everyone should get one. Any money they make goes back into the QRP world which helps us all. And it's a great calendar to boot. Super photos!

So get your order into Ron at www.n3epa.org.

Or email Ron at: wb3aal@fast.net

OK, back in my hole.....

cul, Ron KU7Y

Full time RVing somewhere in the West!

(Currently near Quartzsite, AZ)

An armed man is a citizen. An unarmed man is a subject

Date: Thu, 28 Dec 2000 18:20:25 -0000
From: "Richard Arland" <r_arland@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [87362] K7SZ/4 & SKN
Message-ID: <LAW2-F231QCTT3PGIE000007e6a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang:

I'm now operating /4 from Tyndall AFB, FL with the K1 and a Gusher 2B on a DK9SQ mast. Depending upon the WX & the storm front that is currently moving thru our return route (I-81 & the Blue Ridge Parkway) I may be on SKN from FL!!

In that case, I'll hv my K1 & the dash paddle of my Vibroplex Code Warrior Jr. I know, I know....but my J-38s are in PA!!

73 Rich K7SZ

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 28 Dec 2000 13:38:14 EST
From: NB6M@aol.com

To: john@neknetwork.com
Cc: qrp-1@lehigh.edu
Subject: [87363] Re: Tick 2 interface
Message-ID: <d6.4a5766.277ce296@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

John,

In a Two-Band Rig I built using two of NN1G's boards, an SW-40 and an SW-20+, I ran the audio from Pin 3 of the Tick Chip directly to the headphone jack. I put a .1 Cap and a 1 K Ohm resistor in series from pin 3 of the chip to the headphone jack, and the volume is sufficient.

Like you, I wanted only to hear the rig's sidetone on transmit. Since I am using a Tick Chip that does not have the memory for the settings, I am used to setting the sending speed and then turning off the Tick sidetone upon powering up the rig. If you have one of the later series Tick chips that retains the settings in memory, you won't have to do that.

You could adjust the value of the 1 K Ohm resistor for more or less Tick sidetone volume, if needed.

72

Wayne NB6M

Date: Thu, 28 Dec 2000 11:57:22 -0700
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: AA3BP@aol.com, qrp-1@lehigh.edu
Subject: [87364] Re: Soldering Tip Life??
Message-ID: <3A4B2AA2.17649.C0D4BB@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Jim said--

>>Before I order some spare tips for it, how long can I expect a tip to last? I<<

If it is a temperature controlled soldering station (rather than fixed or "variable output") then the tip should last a LONG time. I've had mine for a year or so and have yet to change the tip. I do a lot of soldering, too.

Tips burn out due to oxidation resulting from over-temperature, which is always going to happen if the temperature is not controlled (30W means continuous, whether the iron is being used or not, and the tip will get WAY hotter than needed). My soldering station also shuts itself off after about 20 minutes if it's not used, and I'm sure that's a factor too. With previous irons I would inevitably leave it on overnight, and need a new tip the next day. Sure they can be re-finished, but it's a bit of work and they never came back as good as new.

With best wishes for a prosperous and Happy New Millennium...

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: 28 Dec 2000 11:05:30 -0800
From: W2BJ <barry@minsky.org>
To: qrp-l@Lehigh.EDU, qrp-l@Lehigh.EDU
Subject: [87365] FISTS WEB SITE
Message-ID: <20001228190530.17194.cpmta@c001.snv.cp.net>
Content-Type: text/plain
Content-Disposition: inline
Mime-Version: 1.0

Does anyone know the status of the FISTS web site?

72/73,
Barry J. Minsky, W2BJ
ARRL, QRP ARCI #8871, NorCal #1560, QRP-L,
FISTS #2701, Century Club #569, Platinum #51,
Silver #119, FISTS CW Club of Coastal Georgia,
Knightlites, Adventure Radio Society #359, QCWA
#29298, OOTC #3723, SOC #193, K2 #577, K1
#98

Date: Thu, 28 Dec 2000 11:19:44 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [87366] Re: Anyone planning on SKN?
Message-ID: <005201c07103\$23db7780\$61ddfc9e@oemcomputer>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, John, I'll be on for SKN. Gotta dig the ol' J37 out and dust it off.
Remember to set the K2 for hand keying instead of keyer. :-)
73, Bob N6WG

Date: Thu, 28 Dec 2000 10:24:59 -0800
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-l@Lehigh.edu
Subject: [87367] J38
Message-ID: <20001228.112207.-293261.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I just acquired a J-38 and it's real crusty. Tried Brasso and other stuff to clean it up, nothing has broken the patina finish. Nothing seems to work. Any suggestions?
Tnx,72

Marv Fagenson
k6hcj@Juno.com

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 28 Dec 2000 14:50:11 -0500
From: "John Harper" <ae5x@qsl.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [87368] Yeah 10m is good, but try 40m!
Message-ID: <000b01c07107\$63c77660\$5b7abc18@johnharp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got home from work early today and decided to give a listen on 40m even though it's still mid-afternoon (2:20 pm). I heard a European pileup on 7006

for E2000I (wherever that is) and then tuned around and answered a CQ from EA1ADP. He was 569 and gave me a 559 with my 5 watts. I'm not used to DX on the low bands until much closer to sunset. I guess 40's really gonna be hot tonight. The low bands really do come alive during the winter!

John Harper AE5X
Outdoor QRP: <http://www.qsl.net/ae5x>

Date: Thu, 28 Dec 2000 11:57:52 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87369] FS: Surplus J-38 Keys
Message-ID: <010c01c07108\$775dffe0\$75e8b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Everyone,

Hope you're all having a Happy Holiday! I'm going to string a temporary antenna at the YL's condo in Long Beach for SKN and hopefully chat with 1 or 2 of you with my SMK-1.

A while back I found this web site containing lots of old military radio goodies including surplus J-38's. The web site is at:
<http://www.surplustuff.com/misc.html> . I meant to order one a while back, but forgot about it in all of the holiday rushing around this year. Anyway, the J-38 posts reminded me of it, and I went to the site today, and they now accept Pay Pal. So for any of you looking for a J-38, this is one source.

Take care and hope to see some of you on the air!

73
Trev
KG6CYN

Date: Thu, 28 Dec 2000 14:57:48 -0500
From: "kw3u@warwick.net" <kw3u@warwick.net>
To: rckchp@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87370] SKN for non-j38's
Message-ID: <3A4B9B3C.7479E008@warwick.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OK; I've been waiting but no-one with praise for all the other and IMHO much better keys?

I sold my j-38 or 37(i forget) on the bakelite base-didn't like it - now I'm not trolling here,just telling it like it is. All I use (except for high speed dx chasing) are straight keys - every day - not once a year. I also parted company with my navy flameproof which I thought was the best.

My order of preferance is #1. My vibroplex straight key-very slick.
#2 is my chinese army key fm morse express-worth every nickel.

#3 but used vry much is the bencher RJ-1-looks different but you can really make music with it.

#4 with various cables (for my various qrp kits) is the Tokyo Himound model HK-708 (morse express), nice action easy adjustments. I have the nye master key but this is the original fm 20yrs or so ago, and I have abused it badly - my loaner to the uninitiated who want to give cw a try.

So there, lets hear it for all the other straight keys out there, of course any key still needs the loving touch of an operator who plays it like a musical instrument. J-37 or J-38 or whatever I look forward to many qso's with all this new years day.

72/Jim/KW3u

Date: Thu, 28 Dec 2000 12:10:23 -0800
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [87371] New ZM-2 Photos
Message-ID: <3A4B9E2E.DA647C14@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We've posted some new ZM-2 Photos that should help in building the tuner.

They're at:
<http://emtech.steadynet.com/zmdesc.htm>

Hope that they help.

--

Scott Gregson - KC7MAS
emtech@steadynet.com
<http://emtech.steadynet.com>
++++++
Scott Gregson Co. / Emtech / CFC

Date: Thu, 28 Dec 2000 15:09:27 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <AA3BP@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87372] Re: Soldering Tip Life??
Message-ID: <001301c0710a\$1bd30600\$0600a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The WTCP station??!! GOOD choice!! There are better,
but then, they aren't yours, and if you've never had one,
you'll be VERY pleased.

As to tip life... I got my WTCP station in 1978. Put a new
tip in it and it was there from then till just last summer...
Then I loaned my iron to a friend for some 'production'
work where it was HEAVILY used (and abused), and I
had to replace the tip. Otherwise, I'd probably STILL be
on the original tip. These are PLATED tips, and while
fairly fragile to physical abuse, with proper care they can
last for years.

RULE ONE: Keep it tinned with FRESH solder. Always
wipe the tip on the sponge, then RETIN it IMMEDIATELY.
NEVER let it exposed to the air. If you're about to turn the
unit off, wipe the tip, retin with a BIG glob, and let it cook
for a few seconds until the smoke stops indicating the flux
has burned off. THEN turn it off, with the big glob of
solder on the tip.

RULE TWO: It is a SOLDERING tip. It is NOT a
screwdriver, not a hot knife, not a prying device, not a
hammer, not.... not... NOT... Get the idea? SOLDER
with it, do not put 'physical' stresses on the tip.

And it should go without saying, NEVER use abrasives

on the tip, even to clean it. If by chance it DOES get some oxidation, DON'T sand it!! Get a little can of 'tip cleaner' at Radio Shack and SPARINGLY use that. But you won't need that stuff except under extreme circumstances.

Use good ROSIN CORE solder. NEVER acid core.

And I have a selection of tips, but over the years I've settled down to just two. BOTH are "7" tips, which are 700 degrees. One is the 'standard' chisel tip that came with the iron. It's almost a conical tip, the chisel is so subtle. The other is NOT a Weller tip, it's a 1/64" chisel tip. Yep, 1/64" chisel. INCREDIBLY tiny. I can work on surface mount stuff with that, and I'm talking the 200 pin flat packs! That tip is INCREDIBLY fragile. I know people who have them last one day, but I've had mine now for probably 8 years. Still on my first one, and the spares are still in plastic, untouched by human hands (and uncontaminated by human sweat and oil!).

Mike

> After 8+ years of building 100++ kits, projects, etc. with a Radio Shack 30w
> soldering iron, Santa finally brought me a Weller Soldering station.
>
> Question: Before I order some spare tips for it, how long can I expect a tip
> to last? I know this is a relative question, but the current rate with my
> trusty \$7 RS iron is one major QRP kit - one tip. My new Weller station uses
> the "ET" series tips. I'm hoping that the "ya gets what ya pays for" rule
> will apply and \$5 tips will last considerably longer their \$1 RS cousins!
>
> And yes, I acknowledge that I'm behind the curve on the latest equipment. Of
> course, I still use a J-37 (no J38 for me!) straight key *every* night!
>
> Thanks and happy holidays!
>
> Jim, AA3BP
> Mechanicsburg, PA
>

Date: Thu, 28 Dec 2000 20:20:06 +0000
From: Brendan Minish <EI6IZ@oceanfree.net>
To: qrp-1@lehigh.edu
Subject: [87373] Re: Yeah 10m is good, but try 40m! BUT don't forget 10 either!
Message-ID: <5.0.2.1.2.20001228201004.00a77380@mail.oceanfree.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 14:50 28/12/2000 -0500, you wrote:

> I heard a European pileup on 7006 for E2000I (wherever that is) and then
> tuned around and answered a CQ from.

EI0000 (Echo India Zero Oscar Oscar Ocsar) is a special millennium call sign from Ireland, I will be operating it myself (hopefully QRP with my K2) on 10m on Sunday (new years eve) for a few hours, look for me at 28.060 Plus a couple of Khz.

Everyone who works EI0000 will receive a Special QSL card Via the buro, if the buro isn't good then you can QSL direct VIA EI7IQ at QTHR (E-mail ei7iq@eircom.net)

Since I am not really a contesting sort of guy please be patient with me, Pileups are not my thing! I will be listening especially for QRP ers. I am comfy around 16 WPM but can rx higher than this if needs be.

I don't know who was operating on 40m with EI0000 as a few of us are taking turns to activate it.

--

Brendan Minish EI6IZ
ei6iz@oceanfree.net
PGP key available from key servers wwwkeys.pgp.net

Date: Thu, 28 Dec 2000 15:49:07 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: <fxtech@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87374] Re: Surplus J-38 Keys
Message-ID: <06b701c0710f\$a4806560\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A while back I bought one of these J-38's and also a J-37. The J-37 was quite nice, but the J-38 was definitely lower quality than I expected. I seemed to have a brass plating on some sort of base metal, but almost every part behaved differently in response to brass cleaner. The key works fine, but it looks awful. Has anyone had any success cleaning these things up?

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Trevor Jacobs" <fxtech@earthlink.net>

Subject: FS: Surplus J-38 Keys

> A while back I found this web site containing lots of old
> military radio goodies including surplus J-38's. The web site
> is at: <http://www.surplustuff.com/misc.html> .

Date: Thu, 28 Dec 2000 16:09:22 -0500 (EST)
From: <igeq100@iupui.edu>
To: "John J. McDonough" <wb8rcr@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87375] Re: Surplus J-38 Keys
Message-ID: <Pine.GS0.3.96.1001228160537.21796F-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, John -

You have discovered what I also found out - all J-38's are not created equal. I have several, and they vary in quality. It must have to do with how well each contractor meets or exceeds the gov't specifications. J-37's, however, seem to be of a more uniform (and higher) quality. But I haven't found a way to make my newer J-38 look as elegant as my older ones.

72/73,
Rich Meiss, WB9LPU

On Thu, 28 Dec 2000, John J. McDonough wrote:

> A while back I bought one of these J-38's and also a J-37. The J-37 was

> quite nice, but the J-38 was definitely lower quality than I expected. I
> seemed to have a brass plating on some sort of base metal, but almost every
> part behaved differently in response to brass cleaner. The key works fine,
> but it looks awful. Has anyone had any success cleaning these things up?

>
> 72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
> didileydadidah QRP-L #1446 Code Warriors #35

>
>
> ----- Original Message -----
> From: "Trevor Jacobs" <fxtech@earthlink.net>
> Subject: FS: Surplus J-38 Keys

>
>
> > A while back I found this web site containing lots of old
> > military radio goodies including surplus J-38's. The web site
> > is at: <http://www.surplustuff.com/misc.html> .

Date: Thu, 28 Dec 2000 16:09:57 EST
From: RangerSF5@aol.com
To: ae5x@qsl.net, qrp-l@lehigh.edu
Subject: [87376] Re: Yeah 10m is good, but try 40m!
Message-ID: <aa.f05af60.277d0625@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/28/00 8:51:42 PM W. Europe Standard Time, ae5x@qsl.net writes:

<< he low bands until much closer to sunset. I guess 40's really gonna be hot tonight. The low bands really do come alive during the winter! >>

You are so right.
You can work 10 meters using a wet string for an antenna.
I was up all night and worked half the world on 40 CW from my MFJ with an indoor long wire.
A half hour ago a VA6 was calling CQ on 7,052.
Cuba and Germany are also still on 40.
I'm going to try for Alaska tonight on the outdoor antenna.
GL DXing
Bob

WA2HOQrp <tm>

Date: Thu, 28 Dec 2000 16:15:14 -0500
From: Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [87377] Re: Surplus J-38 Keys
Message-ID:
<4F76B3D4A76AD111803B00A0C9893D9C06ED8CB4@cninexchsrv05.crane.navy.mil>
MIME-Version: 1.0
Content-Type: text/plain

Maybe that's why the Lionel J-38's command a higher price??? I think the J-37's were for aircraft use, which might be a reason they are of higher quality. It's hard to replace a part when you're airborne, so you want high quality goods, or maybe the specs were written better for that key. Working for the navy I know there is difference in quality in "identical" parts. Just my 2 coppers worth.

73 de N9KH

Date: Thu, 28 Dec 2000 14:58:33 -0600
From: K10J <k10j@ditdit.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [87378] Wives and Ham Radio...
Message-ID: <011c01c07110\$f0bce2e0\$0b01a8c0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

This could be a tough subject! After several years of putting up with me, a Ham, my wife decided if you can't beat 'em, join 'em. There is a good article for your wives and girl friends at this link. <http://www.ditdit.com> click on 'News', then 'Feature'. This is from a woman's perspective.

Good Luck...

ditdit

OJ

Reply to:
k10j@ditdit.com
k5oj@ditdit.com
www.ditdit.com

Date: Thu, 28 Dec 2000 12:26:43 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: MVSOPEN@aol.com, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [87379] Re: QRP - Where do I start? Small Wonder Labs SW40+
Message-ID: <3A4BB013.53B4B3AD@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

MVSOPEN@aol.com wrote: Where do I begin? Rich de KY60 KY60@ARRL.NET

Hi Rich,

I see there has been one response on QRP-L concerning the SW-40+ radio. I tend to agree. It has a good manual and the Elmer 101 info cannot be beaten. I recently sent an email with URLs on this topic to another QRPer. I copy it here for you.

=====

Check out:

<http://www.qsl.net/k7qo/elmer.html>

<http://www.qsl.net/k7qo/elmer02.html>

<http://www.qsl.net/kf4trd/index.html> <--The course is here

<http://www.qsl.net/k7qo/schematic.pdf> <-- This schematic prints out great and I printed one for each chapter of the course so I could make notes as I studied the course.

<http://www.qsl.net/al7fs/AL7FS3.html>

<http://www.qsl.net/al7fs/SW40RIT.html>

=====

Good luck.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Date: Thu, 28 Dec 2000 15:42:46 -0600
From: "kc0bdw" <kc0bdw@email.msn.com>

To: "qrp" <qrp-1@lehigh.edu>
Subject: [87380] harbor freight
Message-ID: <001701c07117\$254a80c0\$e61a0f3f@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Holy Smoke Batman.. We have a harbor freight here in Omaha.. I never knew untill my brother told me.. Does anyone have the stock number for the hand punch that everyone is using for manhattan building?

Hal

Bellevue, NE

Date: Thu, 28 Dec 2000 12:47:19 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [87381] Re: QRP - Where do I start? Small Wonder Labs SW40+
Message-ID: <3A4BB4E7.3951175@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A correction has been noted. Thanks to KK5F. I could have sworn I checked each of these before I sent them...guess not. :-)

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

=====

Mike wrote:

>

> Jim Larsen AL7FS wrote:

>

> > <http://www.qsl.net/k7qo/schematic.pdf> <-- This schematic prints out

> > great and I printed one for each chapter of the course so I could make

> > notes as I studied the course.

>

> Jim,

>
> The URL above should be <http://www.qsl.net/k7qo/schemati.pdf>
> (no "c" at end of schematic).
>
> 73,
> Mike / KK5F

Date: Thu, 28 Dec 2000 12:51:18 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: kc0bdw@email.msn.com, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [87382] Re: Harbor Freight Tools Manhattan Pad Punch Information
Message-ID: <3A4BB5D6.C10A093F@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

<http://www.qsl.net/k7qo/manhat.htm> Fantastic Article by K7Q0, BTW.

>From the above reference:

"Harbor Freight Tools has a 2,000 pound punch kit with part number 37405-1VGA. It sells for \$15.99 and again I happened to catch it on sale when I bought mine. It consists of the punch with dies for making 2.38, 3.18, 3.97, 4.76, 5.56, 6.35, and 7.14 mm circular punches in metal or in this case printed circuit board material. I started with pad sizes of 4.76mm but now have settled on the smaller 3.18mm pad size. "

73, Jim
Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Date: Thu, 28 Dec 2000 15:53:45 -0600
From: "Randall" <Firefox@Southwind.net>
To: <kc0bdw@email.msn.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87383] RE: harbor freight
Message-ID: <LNBBKDBHLFMOHHIGOGPMKENKCNA.Firefox@Southwind.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here's the URL for it....

<http://www.harborfreight.com/cpi/taf/Displayitem.taf?itemnumber=37405>

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of kc0bdw

Sent: Thursday, December 28, 2000 3:43 PM

To: Low Power Amateur Radio Discussion

Subject: harbor freight

Holy Smoke Batman.. We have a harbor freight here in Omaha.. I never knew untill my brother told me.. Does anyone have the stock number for the hand punch that everyone is using for manhattan building?

Hal

Bellevue, NE

Date: Thu, 28 Dec 2000 13:56:23 -0800

From: KB7WW Art Moe <kb7ww@chatusa.com>

To: kc0bdw@email.msn.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [87384] Re: harbor freight

Message-ID: <3A4BB707.B24C675D@chatusa.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

<http://www.harborfreight.com/cpi/taf/Displayitem.taf?itemnumber=44060>

This one is in MM not inches, like the one I got from them. Might be better off to go and look at the local store.

Art

KB7WW

kc0bdw wrote:

>
> Holy Smoke Batman.. We have a harbor freight here in Omaha.. I never knew
> untill my brother told me.. Does anyone have the stock number for the hand
> punch that everyone is using for manhattan building?
> Hal
> Bellevue, NE

Date: Thu, 28 Dec 2000 15:59:03 -0600
From: smckean@birch.net
To: QRP-L@Lehigh.EDU
Subject: [87385] Can you teach an old dog new tricks?
Message-ID: <200012282204.QAA19538@tango.birch.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Is it my imagination, or are there a lot of old timers embracing
PSK31?

When most of us ran AM phone, there was a resistance to the
introduction of SSB. Some of you probably remember the
disparaging remarks about "Donald Duck modulation."

Now comes along some new technology and OT's are
apparently flocking to use it. Who says hams are hidebound?

The Warblers, of course, have enhanced the appeal of the
mode for everybody.

Personally, I think PSK31 is the greatest thing to come along
since sliced bread. If I want, I can rag chew for hours without having
to put my teeth in!

73, Stan K0LV

Date: Thu, 28 Dec 2000 16:05:35 -0600
From: "Randall" <Firefox@Southwind.net>
To: <kb7ww@chatusa.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [87386] RE: harbor freight
Message-ID: <LNBBKDBHLFMOHHIGOGPMGENLCNAA.Firefox@Southwind.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The #44060 Picture looks the same as the #37405 inch one I received a few weeks ago.

This is for info only because there is no picture shown for the #37405.

Bye

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of KB7WW Art Moe

Sent: Thursday, December 28, 2000 3:56 PM

To: Low Power Amateur Radio Discussion

Subject: Re: harbor freight

<http://www.harborfreight.com/cpi/taf/Displayitem.taf?itemnumber=44060>

This one is in MM not inches, like the one I got from them. Might be better off to go and look at the local store.

Art

KB7WW

kc0bdw wrote:

>

> Holy Smoke Batman.. We have a harbor freight here in Omaha.. I never knew
> untill my brother told me.. Does anyone have the stock number for the hand
> punch that everyone is using for manhattan building?

> Hal

> Bellevue, NE

Date: Thu, 28 Dec 2000 16:13:01 -0600

From: w0av@juno.com

To: smckean@birch.net

Cc: qrp-1@Lehigh.EDU

Subject: [87387] Re: PSK31, You Can Teach an Old Dog New Tricks

Message-ID: <20001228.161302.-660535.2.w0av@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello Stan,

I'm with you about OT's and PSK31.

I was AMing back in the mid thirties, and it was great fun. Since then I have worked most all of the modes, with CW being my favorite. PSK31 has certainly rejuvenated my enthusiasm for ham radio.

72, 73, 74 de George/W0AV
SOC#101

Date: Thu, 28 Dec 2000 17:45:29 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [87388] J38+SKN
Message-ID: <200012282219.RAA32230@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I use my J38, which was given to me back in '67 when I was just a wee lad, on the bench when testing or fixing rigs. It's kinda beat up anyway and hate to do the same to one of the "good" keys.

Well, if we get the Nor'easter Sat they've been hyping all week (the bigger the hype the smaller the storm), might go out for an overnight hike or cross country ski and get some FYBO practice. Would like to try out the little dual band 20/40 DDS rig I recently built. Neat rig, used the basic MS-15 Rx and Tx design, added in a modified version of the 9835 mini-dds vfo, tossed in a few latching relays and wa-la. Put it in a 5" x 5" x 1.5" plastic box from Radio Shack, weighs about 10 oz and draws 50 ma on receive. Will be nice to have a proper backpack rig for next summers adventures!

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 28 Dec 2000 22:28:16 +0000
From: "Chuck Adams, K7Q0" <k7qo@primenet.com>
To: kc0bdw@email.msn.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [87389] Re: harbor freight
Message-ID: <5.0.2.1.0.20001228222238.00a08c30@pop.primenet.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Harbor Freight Punch ID# 37405

UPC/SKU# 79236337405

Power Punch Kit

- o complete with 7 sets punches and dies
- o punches and dies hardened to C50-52
- o will pierce up to 16 gauge steel
- o sizes of 2.38, 3.18, 3.97, 4.76, 5.56, 6.35, 7.14mm

All this from the box. Mine has a price tag of \$19.99 on the box but I got it on sale for \$12.95 within the last year.

My latest work using this thing is now on

<http://www.qsl.net/k7qo>

and look down at the blinking IOWA QRP 10 line and click on it.
This is part one of a multi-part layout.

FYI

Chuck Adams, K7QO
Prescott, AZ k7qo@primenet.com

Date: Thu, 28 Dec 2000 16:28:15 -0600
From: w0av@juno.com
To: na5n@rt66.com
Cc: qrp-1@Lehigh.EDU
Subject: [87390] Re: SKN 2001 Rules
Message-ID: <20001228.162815.-660535.3.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Paul and all,

Yep, I'm looking forward to SKN.

I plan to use the old pump-handle straight key which was bolted to the desk top at KHPC, the MO. State Highway Patrol station in Kirkwood, MO when I went to work there in July, 1941.

It is of unknown manufacture, heavy-duty brass with large contacts and a "navy knob." We ordinarily used Vibroplex "bugs" but occasionally reverted to the good old straight key when conditions were very bad on 2812 KHz, our primary CW channel.

The key was presented to me many years later by a friend who had "inherited" it after CW operations at MSHP were terminated in about 1965 or so.

I may fire up my old TPTG oscillator using a type 210 tube on 3580 KHz., give or take a few Khz as it settles down. Had 16 Q's with it during the AWA activity nights the first week of December.

It has been quite a few years (decades?) since I have used a pump-handle, so I don't expect to win any keying awards, heh, heh.

Hope to see you on SKN.

72/73/74 de George/W0AV
SOC#101

Date: Thu, 28 Dec 2000 17:36:12 -0500
From: Bob Nygren <rbnygren@epix.net>
To: tdufres@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87391] Re: Anyone planning on SKN?
Message-ID: <3A4BC05C.C2374340@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Cool idea, Tom!

With the assortment of qrp rigs I've assembled over the years, I sorta forgot about the Kenwood 520S I bought NEW in 1977. Told my then new wife, "This is all the rig I'll ever need"!

I think I'll dust it off tonight and prepare for a flashback SKN.

Bob N3RN

Tom Dufresne wrote:

> "I'll be using a K2 with a J-38."
> WHAT!!!! K2 with a J-38?!?! That is S000 wrong!!! It is like putting mag
> wheels on a '57 Chevy.. It's like putting a 'scope on a SKS... Its like
> eating grits with sugar and butter!.. Its like drinking 50 year old scotch
> with ice!! (yuck!) Well you get the idea... (just kidding!)
> I'll be aboard for Straight key night, but I'll be using my Drake T4X or my
> old Heath HW-16.
> "PS-The previous statement was for educational and entertainment purposes
> only. Please no flames"
> Tom
>
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 28 Dec 2000 16:40:21 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87392] RE: Yeah 10m is good, but try 40m! BUT don't forget 10 either!
Message-ID: <01C070EC.DF4E0940.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I worked EM2000I (EM 2-thousand eye) about a week ago on 7012. I don't know where it is, but QSL was via UR7IA.

72-Nick, WA5BDU

-----Original Message-----

From: Brendan Minish [SMTP:EI6IZ@oceanfree.net]

At 14:50 28/12/2000 -0500, you wrote:

> I heard a European pileup on 7006 for E2000I (wherever that is) and then
> tuned around and answered a CQ from.

EI0000 (Echo India Zero Oscar Oscar Ocsar) is a special millennium call sign from Ireland, I will be operating it myself (hopefully QRP with my K2) on 10m on Sunday (new years eve) for a few hours, look for me at 28.060 Plus a couple of Khz.

Date: Thu, 28 Dec 2000 15:43:11 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: <tdufres@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [87393] Re: Anyone planning on SKN?
Message-ID: <001d01c07120\$52463980\$05440f3f@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Tom and all,

I disagree - the J-38 and a K2 make a perfect combination for SKN.
It is a mix of the old and the new - come to think about it - this is the
'real' millenium transition, so it should be better than ever (no offense to
those who celebrated it a year ago).

73 and have a great New Year,

Don Wilhelm -Chapel Hill, NC
W3FPR QRP-L # 485 K2 SN 0020

----- Original Message -----
From: "Tom Dufresne" <tdufres@hotmail.com>

> "I'll be using a K2 with a J-38."
> WHAT!!!! K2 with a J-38?!?! That is S000 wrong!!! It is like putting mag
> wheels on a '57 Chevy.. It's like putting a 'scope on a SKS... Its like

Date: Thu, 28 Dec 2000 14:51:07 -0800 (PST)
From: wa4dou@excite.com
To: ku7y@qsl.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [87394] Re: CC&R's & EPA's contest calendar
Message-ID: <21623586.978043867204.JavaMail.imal@derby>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bravo, Bravo and Bravo Ron,

I think it was Ben Franklin who said that those that would sell a portion
of their freedom for security, deserved neither. But alas, its late in the

game, too late i'm afraid, your words fall on deaf ears! Freedom is a lost concept to the masses! Those of us who think as we do, in the 21 st century, are "throwbacks." No doubt part of a "right wing extremist" mentality. 73
Roy WA4DOU

On Wed, 27 Dec 2000 23:57:37 -0700, ku7y@qsl.net wrote:

> Ed said, in part:
>
> > Is it really a "choice" to have to live in an older home, with all of
its
> > associated maintenance problems, or have to live a 2-hour drive from
> > work?
>
> You bet it is!
>
> You have lots and lots of choices. There are 50 states to live in and
who

Send a cool gift with your E-Card
<http://www.bluemountain.com/giftcenter/>

Date: Thu, 28 Dec 2000 13:51:51 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [87395] Milliwatt Contest 2148Z Day 3 de AL7FS
Message-ID: <3A4BC407.F7BECABB@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My noise level is way up today so I may have trouble with callers. I don't hear anybody around 28.060 up here at this time but I will keep trying with 500mW for a while on 28.061.49 (49th state).

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska

(BP51cc) - 61.101 North, 149.824 West
<http://www.qsl.net/al7fs/>

Date: Thu, 28 Dec 2000 17:05:00 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [87396] FOX - Team Results -
Message-ID: <Pine.LNX.3.95.1001228165834.28040B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In memory of Joel, K1QM(SK) -

...Hunt #16 - N6WG -

| | |
|---------------------------------|---------------------------|
| The Raiders of the Lost RF - 37 | The Big Dawgs - 72 |
| Mary - NA6E | ET - N1FN * |
| Fred - VE3FAL | Tom - N5TW * |
| Rob - VE6JAZ * | Larry- N2WW * Clean Sweep |
| Earl - VA6RF * | Bill - K0MP * |
| Bruce- VE5RC | Bob - N6WG * |
| | |
| The ScQRPions - 63 | The Flying Pigs #1 - 22 |
| Floyd - NQ7X * | Diz - W8DIZ |
| Brian - K7RE * | Rick - WB6JBM |
| Conard- WS4S * | Dan - N8IE |
| Chuck - K7QO | Brian- KB9BVN |
| Bob - NK7M * | Dave - WR50 |
| | |
| The Cheeseheads - 70 | The Houston Hounds - 68 |
| Brian - AE9K | Bill - K5ZTY * |
| Jerry - N9AW * | Bill - W5SB * |
| Rick - NK9G * | Terry- KQ5U * |
| Lou - W9XU * | Dan - KK5LD * |
| Jim - WA9TZE | Danny- WA5OJE |
| | |
| The New England Hunt Club - 24 | The Swamp Rats - 48 |
| Joel - K1QM(SK) | Paul - K4FB * |
| John - K1JD | Jack - K4BYF |
| Jim - KC1FB * | Pete - NV4V |
| Aron - N1ODL | Fred - W2XN * |
| John - KB1ENS | Tom - N1TP |
| Seab - AA1MY | |

The Buffalo Wings - 20

Mark - K2QO
Dave - AA2PF
Howard- K2UD
Bob - K2VNM
Scott - AC3A

The Bayou City Brass Pounders - 71

Ed - K5VUU
Bob - N5ET *
Henry - W5HNS *
OJ - K10J *
Bruce - N1LN

The Flying Pigs#2 - 12

Andy - N8MX
Kent - KB9VZS
Ron - N8VAR
Kenn - KM7KEN
Andrew - AC7CF *

The Fox Terrors - 66

Tim - K5OI
Don - K5AAR *
Karl - K5DI *
Dave - W0CH *
Doc - K0EVZ *

The Cajun Thunder - 38

Joel - KE1LA
John - K5JS *
Wayne - K5E0A
Jim - N5IB
Tom - AC5JH *

The Underdogs - 51

Dan - N4ROA *
Roy - AB7CE
Art - KB7WW *
Glenn - WA7SPY *
Ron - KI0II *

The VA Hams + OLW - 1

Mike - KT4FJ
Doug - W4IDW
Skip - K0YWD
John - W4IM
Paul - W2RIA

The NE-TX Tornados - 57

Bill - K5JHP *
Chuck - W5USJ *
Don - K5DW * Clean Sweep
George- W5YR *
Rich - N5JI *

The Minnesota North Stars - 61

Mert - W0UFO
Scott- N0AR *
Craig- AA0ZZ
Jim - N0UR *
Pat - K0PC *

The Cockroaches - 3

Gary - KM5TY
Dave - N0IT
Rich - K7SZ
Tom - WA1VAI/3
Mike - KD5CMN

The Night Owls - 20

Thom - WI8W
Jim - KJ0C
Ed - N4XY
Ronnie- KE4VPN
John - K7FD/K7LOW *

The Terminators - 17

Bill - NT1R
Thaire - W2APF
David - K7EL
Bob - N7XY
Anthony- K8ZT

.please let me know of any corrections I need to apply...thank
you...72 - Bruce(VE5RC+VE5QRP)

Date: Thu, 28 Dec 2000 18:06:12 -0500
From: Joseph I Pirkle <ad4ih@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [87397] Help needed: 2N7000 OR WHERE TO GET
Message-ID: <20001228.180617.-3463305.0.ad4ih@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

GANG,

I spent the morning stuffing and soldering on my Warbler. Just a little to go, feeling really good 'cuz everything going so good.

Shoulda known better. Destroyed one of the 2N7000's. Unable to locate at RS or other electronic supply houses locally.

72/73,
Joe Pirkle, AD4IH,
ad4ih@arrl.net / ad4ih@juno.com

Date: Thu, 28 Dec 2000 17:15:46 -0600
From: "kc0bdw" <kc0bdw@email.msn.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [87398] Digipan
Message-ID: <002d01c07124\$1d32be40\$321a0f3f@computer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Having the day off I read the help file with digipan.. It says to increase power till it stops increasing and then reduce it to about half. Is this correct for the Warbler? The reason I'm asking is because in the instructions it says to increase the power to maximum and then reduce it slightly.. Which is right?

Hal
Bellevue, NE

Date: Thu, 28 Dec 2000 18:25:06 -0500
From: "Fred DeVries" <fred.devries@mindspring.com>
To: <w5usj@globeco.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [87399] Re: SKN? and J-38s
Message-ID: <003001c07125\$769cf3a0\$efd3313f@fred>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Two of them. One a gift from my late father in 1955. And the other from a brother about a year later. Both are still in use.

73

Fred DeVries KC8MMS

----- Original Message -----

From: "Chuck Carpenter" <w5usj@globeco.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, December 28, 2000 6:57 AM
Subject: SKN? and J-38s

> QRP-Lers,
>
> K7FD/N7SG wrote:
>

> >Will be using my trusty J-38...
>
> I expect to give it a try also with my J-38. My first key, bought surplus
> in 1955 8^)...
>
> How many folks out there still have J-38s?
>
>
>
> Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1
> ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
> NETXQRP Club Website - <http://www.angelfire.com/tx4/netxqrpclub/>

Date: Thu, 28 Dec 2000 15:33:41 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [87400] Re: PSK31, You Can Teach an Old Dog New Tricks
Message-ID: <20001228233341.7354.qmail@web10005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- w0av@juno.com wrote:
> certainly rejuvenated my enthusiasm for ham radio.

I am doing a talk on PSK31 tonight for a local amateur radio club. I
taped a bunch of signals off the air and then tried using WinPsk to see
if I could decode the various conversations. It worked great! Looking
forward to showing it off tonight.

73!

Jeff

=====
AB6MB
Stop censorship on mailing lists!
NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798

Do You Yahoo!?
Yahoo! Photos - Share your holiday photos online!
<http://photos.yahoo.com/>

Date: Thu, 28 Dec 2000 23:39:37 -0000
From: "Bradford Ashley" <drashley@hotmail.com>
To: qrp-1@lehigh.edu
Cc: wb7tso@arrl.net
Subject: [87401] Best Location for Slow (5WPM) Code Operation
Message-ID: <F196IjSa1nJI4PE0ts50000ab7b@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

To The List:

Thanks for all the help so far. My question today is where should I go to practice my CW skills? I will admit that I am a Slow Code Extra and really want to have fun with QRP but I lack the speed right now to operate fast ie. 20 wpm. I would like some band and frequency recommendations so I can pull out my old straight key and jump in to the fun. I do not want to offend any high speed operators. Thanks again for the help.

Brad WB7TSO

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Thu, 28 Dec 2000 16:47:43 -0700
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: fantbb@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [87402] Re: PSK31, You Can Teach an Old Dog New Tricks
Message-ID: <3A4BD11F.2DB614CE@agt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeff, I'm not sure what you've used to record the PSK signals. I've had good success here recording onto my hard disk using Scanner Recorder which you can download from:
<http://www.davee.com/scanrec/index.html>

If I recall correctly, I've recorded using a sample rate of 44,100, set to 16 bits and mono. Just play the recorded file back and decode it with your PSK software. Simpler than using a tape recorder I think.

Cheers
Karl B. Staddon

VE6KBS, CALGARY, AB

Jeff wrote:

```
> --- w0av@juno.com wrote:
> > certainly rejuvenated my enthusiasm for ham radio.
>
> I am doing a talk on PSK31 tonight for a local amateur radio club. I
> taped a bunch of signals off the air and then tried using WinPsk to see
> if I could decode the various conversations. It worked great! Looking
> forward to showing it off tonight.
>
> 73!
>
> Jeff
>
> =====
> AB6MB
> Stop censorship on mailing lists!
> NorCal QRP Club #65, QRP-L #1780, ARCI 10071
> Radical FIST Member 6798
>
> -----
> Do You Yahoo!?
> Yahoo! Photos - Share your holiday photos online!
> http://photos.yahoo.com/
```

End of QRP-L Digest 2050
